



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

J.B. Institute of Engineering & Technology

- Name of the Head of the institution **Dr. P. C. Krishnamachary**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **08413235127**
- Alternate phone No. **08413235127**
- Mobile No. (Principal) **8008884683**
- Registered e-mail ID (Principal) **iqac@jbiet.edu.in**
- Address **Bhaskar nagar, Yenkapally(V),Moinabad(M),Rangareddy Dist.**
- City/Town **Hyderabad**
- State/UT **Telangana**
- Pin Code **500075**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **19/06/2014**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **UGC 2f and 12(B)**

- Name of the IQAC Co-ordinator/Director **Dr. Sumagna Patnaik**
- Phone No. **08413235127**
- Mobile No: **9440724856**
- IQAC e-mail ID **iqac@jbiet.edu.in**

3. Website address (Web link of the AQAR (Previous Academic Year)) <https://www.jbiet.edu.in/category.php?mnlks=21&catid=118>

4. Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.jbiet.edu.in/category.php?mnlks=13&catid=33>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	B	2.55	2016	17/03/2016	16/03/2021

6. Date of Establishment of IQAC **12/01/2009**

7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
AICTE	SPICES	AICTE	05/03/2021	100000

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9. No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken **Yes**

uploaded on the institutional website?

- If No, please upload the minutes of the meeting(s) and Action Taken Report
- No File Uploaded

10. Did IQAC receive funding from any funding agency to support its activities during the year?

No

- If yes, mention the amount

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

UGC Extension of Autonomous status for 6 Years

Accredited by NBA Under Tier-I with High Score

Environment, Energy and Green audits

Received 4 star rating by Institute Innovation Council.

Secured the position of Band B in Atal ranking of Institutions and Innovation achievements 2020.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Outcome based education	Accredited by NBA
Feedback on Facilities	Improved infrastructure in few laboratories and Microsoft teams introduced for Online classes.
Student Satisfaction Survey	Planning to introduce Moocs as a credit course.
CO-PO Attainment process	After calculation of attainment, gap analysis has been carried out and action has been taken while designing the curriculum.
E-governance in various areas	Renewal of software and updation of modules has been done in Administration, Student support, Finance and Examination areas.
Academic and Administrative Audit	AAA has been carried out and action taken report submitted to Head of the Institution.

13. Was the AQAR placed before the statutory body? **Yes**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
38th Board of Governance Meeting	08/10/2021

14. Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A

Data of the Institution

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• Registered e-mail ID (Principal)	iqac@jbiet.edu.in
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• State/UT	Telangana
• Pin Code	500075
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Name of the statutory body	Date of meeting(s)
38th Board of Governance Meeting	08/10/2021
14.Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
05/08/2020	19/02/2022

15. Multidisciplinary / interdisciplinary

In view with the current changing trends in technology, the institute incorporated interdisciplinary/multi-disciplinary courses into the curriculum. As proposed by the model curriculum of AICTE, the institute integrates various interdisciplinary courses into the curriculum via basic science courses, humanities and social science courses, engineering science courses and management courses. Lectures on interdisciplinary topics, delivered both by college faculty and invited speakers are held each year. These lectures provide a unique opportunity to the students to realise the importance of the interdisciplinary approach in academics in solving issues of national and global importance. The interdisciplinary lectures were held online during the lockdown. Other lectures on gender issues, environmental awareness, sustainable development and many other relevant topics are held all the year round. The students studying in one branch of engineering can acquire a minor degree in another branch of engineering by studying the courses for a total credit of 20. The minor degree is in addition to the original degree awarded to the student. The Professional Elective subjects are being offered from the 5th semester to the 7th semester. The students can choose interdepartmental subjects based on their preferences.

16. Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a virtual/digital storehouse that contains information on the credits earned by individual students throughout their learning journey. It will enable students to open their accounts and give multiple options for entering and leaving colleges or universities. There will be "multiple exits" & "multiple entries" points during the higher education tenure & credits will be transferred through the ABC seamlessly. ABC can be considered as an authentic reference to check the credit record of any student at any given point in time. The Academic Bank will be accountable for opening, closing, and validating the academic accounts of students. It will carry out tasks such as credit accumulation, credit verification, and credit transfer/redemption of students. The ABC accounts of students will be registered using National Academic Depository (NAD). J.B. Institute of Engineering & Technology has registered in NAD academic credits deposited in Academic Bank of Credits in

NAD. JBIET created awareness among all the students on NAD.

17.Skill development:

JBIT focusses on skill development to enable the students for acquiring desired competency levels. In this context, institute has Implemented a curriculum and syllabus in the paradigms of Outcome Based Education being as an autonomous institution, JBIT gives highest priority to skill development. In R-20, apart from the from regular lab courses, seminars, mini-projects, and project courses, mandatory internships are introduced to promote skill development apart Institute has a dedicated centre name "Training and Placement Cell" for providing the required training, skill development and placement support. Also signed on MoUs with various organizations and institutes for creating awareness on emerging courses, industry technologies, projects, practices. In addition, the institute provides capacity building programs and skill inculcation programs to final UG and PG students under the guidance of Carrier Guidance Cell. Students are offered with value-added courses based on skills for the skill development. These value-added courses include Communication Skills, Soft Skill, Employability Skill, Life Skill and Professional Skill like Emerging Technologies like IoT, Cyber Security, Data Science, Machine Learning, Robotics, Blockchain, Python, and R Programming, etc. Courses in all programs are organized in such a way that students get opportunities for experimental learning and skill development through internships, field works, industrial visits, project works and hands-on learning methods In order to provide value-based education, institute provides courses and events on professional ethics, research methodologies, gender sensitization, life-skills and code of conduct.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

India is a treasure of value of culture, developed over thousands of years and manifested in the form of arts, works of literature, customs, traditions, linguistic expression, artefacts, heritage sites, and more. The people are benefiting from this culture wealth daily, in the form of visiting India for tourism, experiencing Indian hospitality, purchasing India's handicrafts and handmade textiles, reading the classical literature of India, practicing yoga and meditation, and participating in unique festivals, among many other aspects. The NEP 2020 stress the importance of preservation and importance of India's cultural wealth must be considered with high priority. J.B.Institute of

Engineering & Technology is actively involved in the promotion of integration of the Indian knowledge system in different forms. We believe that it is absolutely necessary to include subjects in their course curriculum regarding the essence of Indian traditional knowledge and the constitution of India. We are already sharing our Telangana culture with Gurgaon under the scheme of EK BHARAT SHRESHTHA BHARAT. Every engineering student has to go through professional ethics subjects for their overall growth and development. In view of this, students are exposed to need and importance of protecting Indian traditional knowledge related to science, engineering, agriculture and medicine. Apart from this, students are sensitised in universal human values during the induction program. JBIET conducts Yoga training classes to stress relief, flexibility, and immunity boost up to the students as well as the staff.. In this regard, we celebrate every year International Yoga Day in a grand manner on the 21st of June. In addition to the celebration of Republic day and Independence day, the Student Activity Centre (SAC) regularly conducts festive days to remember our Indian traditions and culture. The events include Bathukamma Festival, Sankranti Celebrations, Rangoli Competition, Engineers day, Teachers day, etc.

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

Outcome Based Education is a student-centric instruction model that focuses on measuring student performances through outcomes. Outcomes are usually expressed in terms of knowledge, skills, abilities, and attitude. The JBIET strictly follows OBE. The JBIET conducts awareness programs on Outcome Based Education by eminent experts for the faculty members. The institute has well-designed outcome-based education that includes course outcomes (CO), Program Outcomes (PO), and Program Educational Objectives (PEO). Program Outcomes and Program Educational Objectives for all the programs and Course Outcomes are defined in line with the Vision and Mission statements of the departments and the college. Course Outcomes for all the courses in the curriculum are prepared by the concerned faculty members as per Bloom's taxonomy. Course Outcomes are mapped with PO's and PEO's by concerned faculty members. The JBIET follows various assessment tools for measuring Course Outcomes which include Mid -Semester and End Semester Examinations, Tutorials, Assignments, Project work, Labs, , Employer/Alumni Feedback, etc,. The Course Outcome attainments for the courses will be calculated at the end of the semester and the PO's are mapped and evaluated.

20.Distance education/online education:

The Institute has excellent infrastructural facilities along with ICT enabled tools to have and offer an online/blended education to its students. It has been a practice in the Institute in offering and using these facilities for an effective and outcome-oriented education. Few of such significant practices are mentioned as follows: Institute promotes the usage of ICT enabled classrooms which are equipped with overhead projectors, screen and internet/WiFi facility. Each department has a dedicated e-classroom with an additional smart board facility. Every computer laboratory has a 1:1 Student to Computer Ratio while they are in use, and all of the machines have latest configuration and LAN connectivity. The Central Library of the Institute has adequate number of LAN connected computers, where students can access digital materials including Journals, NPTEL Courses, etc.. The institute has a customized E-CAP with an access to all the faculty and students. This platform is used for e-governance like student admission, examination and administration. The Institute has established a fully furnished, air-conditioned space with an adequate seating capacity and a room for digital recording and editing of the content. Institute will also strive to do its bit with best of its capability by using and enhancing these online educational facilities in the near future for the holistic development of the institute and welfare and wellbeing of future citizens as nation builders.

Extended Profile

1.Programme

1.1 14

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 2686

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 638

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

2787

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

565

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

199

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 14

Number of programmes offered during the year:

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2.1 2686

Total number of students during the year:

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3.1 565

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	199
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	199
Number of sanctioned posts for the year:	
4.Institution	
4.1	407
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	64
Total number of Classrooms and Seminar halls	
4.3	1118
Total number of computers on campus for academic purposes	
4.4	633.16
Total expenditure, excluding salary, during the year (INR in Lakhs):	
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
<p>The primary objective of the institute is to educate the students technically competent, globally sophisticated, culturally aware, and develop entrepreneurial outlook to fulfil the global needs.</p> <p>Curriculum Design Strategy: The Institution designs curriculum based on the deliverables, domain knowledge, skills and</p>	

attitude. The courses and their content are in line with the American Professional Societies and the Industry requirements.

Outcome Based Education (OBE) based Curriculum: It is ensured in the design of curriculum that the CO-PO mapping of the various core-courses of the curriculum is such that every PO is addressed by at least a few courses. Hence, Curriculum, various courses of the curriculum, COs of the various courses, the assessment tools to measure the COs and the strength of the CO-PO/PSO mapping constitute an effective curriculum design.

Curriculum Development - A Continuous Process: The initial version of the curriculum is prepared by having the above design criteria. The curriculum is then placed for discussion/approval at the department level body: a BOS (Board of Studies). The curriculum is then placed for approval during the Academic Council (AC). Curriculum is finally evolved after incorporating suggestions by AC, if any.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.jbiet.edu.in/AQAR/20-21/1/1.1.1/Courses.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

14

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

565

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

177

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

14

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The Institution has been taking every step in integrating

various cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum for holistic development of the students. Integration of various areas to the curriculum is explained below.

Gender sensitization: Being offered every year, the course Gender Sensitization is introduced with an objective to offer guidance to the peer group in integrating/main streaming gender in all activities of the institution in the form of both co-curricular and extra-curricular activities.

Environment and Sustainability: The course Environmental Science is being offered every year at the Institution. This is introduced with an objective to understand the importance of ecological balance for sustainable development.

Human Values and Professional Ethics:

A course on Human values and professional ethics is being offered by the institution every semester with a purpose of creating awareness about moral values, character, policies and sustainable relationship among people and cooperation involved in technological activity. Professional ethics among the students and faculty is also inculcated through the use of software tools to check plagiarism online. In addition, the institution has a well-defined policy on professional ethics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**1672**

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**2251**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.jbiet.edu.in/category.php?mnlnks=21&catid=135
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.jbiet.edu.in/category.php?mnlnks=21&catid=135
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

554

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

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

407

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

After the student joining a programme, the institution identifies the learning levels of the students throughout the duration of the program and take necessary steps at all the stages. Learning levels of the students are identified through Initial assessment and Continuous assessment.

Slow Learners:

The identified slow learners in the initial assessment will be considered for bridge classes. Students who got less than 50% marks in continuous assessments and have one or more backlogs in semester end examinations are considered as Slow Learners. In order to support and motivate the slow learners, Bridge and Remedial classes are taken.

Advanced Learners:

Those who got CGPA more than 7.5 are considered as Fast Learners. The following programmes are taken up to prepare for their readiness to the higher levels of learning in the respective discipline of study.

- Choice Based Credit System (CBCS) offers spectrum of challenging courses for the advanced learners to choose from.
- Encouraged to spend their eighth semester for doing full time internships/project works in industries outside the institute.
- Motivated prepare for competitive examinations (GATE, GRE TOFEL, IELTS) for higher studies.
- Advised to take up memberships in professional societies and carry out micro/mini projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2021	2686	199

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Various teaching methodologies adopted by the Institution are presented below.

ICT in Teaching Learning: To create more 'learner-centric' learning environment the Institution has provided different ICT Tools/Resources.

Internships: Through MOUs with the Local/National/Multi-National premier institutions and industries, the institute facilitates student internships and industry related projects.

Bridge Courses: Bridge courses in basic sciences are conducted for first year students at their beginning of first year classes, as per the AICTE norms.

Field Visits: The Institute gives top priority for technical visits at industries as a value-added learning method for students in every year of the Program.

Google Classrooms: The Institution has been using google classrooms to cover various learning levels such as asynchronous discussions, group tasks, home assignments, video lectures, demos, PPT illustrations, case studies etc.

Seminars/Workshops: Students are trained on regular basis in modern trends and innovative technologies by organizing workshops/seminars inviting experts from industry.

Tutorials: Intended to have individual attention to develop better problem solving skills.

Minor and Major projects: Work done in the earlier semester through field visits and information gathered through literature are used to execute various minor and major projects.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

JBIET has been using various ICT enabled tools, including online resources, to impart quality education to the students through effective teaching and learning process.

- **LCD Projectors in the classrooms and seminar halls:** The Institution has more than 70% of the classrooms and seminar halls equipped with ICT enabled tools.
- **Wi-Fi and LAN Facilities:** Apart from being a Wi-Fi enabled campus, the Institution has LAN facilities in classrooms and seminar halls. These resources help teachers to have access to various teaching learning resources. In addition, students have ready access to class notes and other learning materials.
- **Smart Classroom:** The Institution has well equipped smart classrooms to make students experience the learning.
- **NPTEL Lectures:** Institution has NPTEL videos in the local database. Therefore, students and faculty can access them without internet connection as often as and as many times as possible.
- **Microsoft Team:** The Institution uses the licensed version of MS 365 for academic purpose. Microsoft Teams has been extensively used for online teaching and sharing the various learning materials with the learners.
- **Faculty also uploads PPTs, assignments, lecture notes** under the relevant materials on the web portal.

- The institution has subscribed to various online resources like IEEE, Digital Library, and Delnet.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.jbiet.edu.in/category.php?mnlnks=8&catid=129
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

145

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation of Academic Calendars: Programme-wise Academic Calendars are prepared well in advance specifically earmarking the semester-wise schedules. The calendars are prepared keeping the minimum number of working days duly taking the National & Public holidays, Festival breaks, Summer vacation. Suggestions, if any received from BOS, are incorporated and revised academic calendar is prepared. The academic calendars are approved in the Academic Council. The calendars are communicated through the webmail to all the relevant functionaries for adherence.

Preparation of Teaching plan: Teaching plans are prepared by the individual faculty for the theory, and laboratory subjects allotted by the concerned HODs. Respective Members of faculty prepare lesson plans as a part of the course files keeping the following points in view:

Review and Monitoring of Academic Calendar: Course coordinators undertake an intense review of academic calendar from time to time. Head of the Department and Principal also periodically

review the various activities and check if they are in line with the approved Academic Calendar.

Adherence to Academic Calendar:The institute strictly Adheres to the academic calendar, except at unforeseen circumstances. Chairman of the Academic Council makes the decision if any changes are required to the approved Academic Calendar based on the prevailing conditions.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

199

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

37

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

893

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

15.8

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

15

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The examination process has been given a overhaul with IT integration. This has not only speeded up the functioning mechanism, while making the whole process more transparent and error free. Starting from Pre-Examination processes such from publicising the examination schedules in the college website, online examination fee payment by the Students using Examination

Portal payment gateway, preparing of eligible registered candidates database, preparation of bar-coded OMR answer booklets printed with students details and photograph, preparation of nominal rolls , hall ticket generation etc, to post-examination processes like scanning, result processing, generation of grade cards, Marks memos, Provisional certificates the college has been involving electronic processes.

Surprise checks are carried out to curb the Malpractices in the examination. If any student is found indulging in malpractice the case will be presented to Malpractice committee and will punished as per the recommendations of the Committee. The Physically Challenged students with minimum 40% of disability are given concessions as per the norms.Examination division at JBIET is fully automated and examination management system has been implemented.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The institution has well defined Course Outcomes (COs) and Program Specific Outcomes (PSOs) apart from Program Outcomes (POs) defined by NBA.

Course Outcomes for all Programs:COs are defined for all the courses in the syllabus books and they are widely disseminated. COs of selected courses of all the programs are also attached.The Institution has a multi-layered, multi-point and multi-faceted process related to communicating the POs, PSOs and COs to the teachers and students.Approved POs/PSOs and COs are made a part of syllabus books and they are distributed to the faculty and students.

Display on Website:The POs, PSOs and COs statements of all the programs are posted on the institute's website under the respective departments. For instance, the POs/PSOs for B. Tech - Computer Science and Engineering are made available at the following location on institution's website.

<https://www.jbiet.edu.in/pagecontents.php?mnlks=&catid=&scatid=2&prodid=270>

Display in Prominent places:

The statements are displayed in Principal office, HODs office, Notice boards, Common facilities, and all other important points.

Trainings and Workshops on OBE: The Institution has been conducting training programs and workshops on OBE to the students, faculty and Non-teaching staff to inculcate the spirit of OBE and disseminate the relevant information.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.jbiet.edu.in/category.php?mnlks=13&catid=82

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Initially attainments of Course Outcomes (COs) are computed using both direct and indirect methods. Attainments of Program Outcomes (POs) and Program Specific Outcomes (PSOs) are done from the attainment of COs through course and program articulation matrices. The level of attainment of POs, PSOs and COs are done through faculty course assessment report with thoroughly designed evaluation rubrics.

Attainment Procedure of COs: It is done using direct method and in-direct method. As a part of the direct method, CO attainment is computed using marks obtained by the students in Continuous Internal Examinations (CIE) and Semester End Examinations (SEE). Weightages of 30% and 70% are assigned to CIE and SEE respectively to compute direct CO attainment. Course end survey is conducted for each course and indirect attainment of COs is computed. Now 80% and 20% weightages are assigned to direct and indirect CO attainment to calculate total attainment of COs for each course.

Attainment Procedure of POs/PSOs: Attainment of POs/PSOs is done from the attainment of COs. From the attainment of CO and course articulation matrix, direct PO/PSO attainment is done for each course. By using program articulation matrix and PO/PSO attainment of each course, direct PO/PSO attainment for the program is calculated. Indirect attainment of POs/PSOs is done using Program exit survey, Employer survey and Alumni survey. Final attainment of PO/PSO is done by assigning weightages of 80% and 20% to direct and indirect attainments respectively.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

616

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://www.jbiet.edu.in/AQAR/20-21/2/2.7.1.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and

implemented

JBIET has been allocating budget every year for augmenting and maintaining research facilities. Project labs, Advanced Research Labs were established as a part of strengthening the research facilities at the Institution. Following are the Centres of Excellence established at the Institution to promote research and development at the Institution.

S. No

Name of the Advanced Research Lab

Dept.

1

Center of Excellence in Machine Learning.

CSE

2

Center of Excellence in Software Engineering Practices.

IT

3

Center of Excellence in VLSI.

ECE

4

Center of Excellence in Alternative Energy Sources.

EEE

5

Center of Excellence in Non-Destructive Testing.

CE

6

Center of Excellence in 3-D Printing.**ME**

Faculty are encouraged to apply for various central funding agencies. In addition, Institute provides seed funding based on the merit of the proposals submitted by the faculty.

The college encourages faculty by providing incentives for peer reviewed publications, writing books, and patents.

Advanced research centres are established in various departments of the Institute with necessary software and computing facilities for carrying out research activities.

The Institution has a well-defined R&D policy for promoting research and development at the Institution. Updated R&D policy is also uploaded.

The Implementation of the R&D policy has yielded very good results. Many young faculty members could get Patents, publish papers in renowned peer-reviewed journals, publish books and book chapters and participate in seminars, workshops, FDPs etc.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	https://www.jbiet.edu.in/Policies/Research_Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research**3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****11.96**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

9

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

1.0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

9

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/content/extension-last-date-aicte-spices-scheme-07th-march-2022
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Research:

JBIET has the following ecosystem for facilities to promote

research:

1. **Project Rooms:** Each department of the Institution is equipped with a dedicated project room to carry out and display the projects executed by the students as a part of curricular or co-curricular activities.
2. **Advanced Research Labs:** The Institution established advanced research labs in each of the technical departments. These labs are provided with the latest equipment to advance the research in a specific domain and contribute to consultancy activities of the Institution as well.

Entrepreneurship:

JB IET promotes entrepreneurship among students has a set up a committee under the industry Institute interaction cell to foster incubation activities of the students. Furthermore, JB IET has been receiving support from JB Institute of Inventors Association of India in encouraging budding entrepreneurs.

Incubation Centre:

The institution has a well-organized incubation centre to promote innovations and provide hand holding to budding entrepreneurs. The Institution currently hosts 4 alumni start-ups and the details are given below.

S. No.

Founder Alumni

Project Title/Name of the Start-up

Activities

1

Mr. PVR Vagesh Datt

Kay9 Interiodomestic Corporate Interiors. Hyderabad

Interior Design and Execution

2

Mr. R. Vedanth

Sri Maauli Constructions And Developers, Adilabad

Building Construction

3

Mr. Padiyar Narpathlal

Devi Enterprises, Hyderabad

Textile Business

4

Mr. P. Ajaykumar

Lasya Garments, Karimnagar

Garments office

5

Mr. S. Abhishek

Homecaptures, Hyderabad

Interior Design

6

Ms. Mounika Chowdari Sindhur

Helapuri Digital Vision Private Limited

Digital marketing, Website maintenance and create multimedia presentations for other firms

7

Mr. A. Shankar Goud

A B Electrical Contractors**Event Management**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year**36**

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	No File Uploaded
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

1

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/AQAR/20-21/3/3.4.4.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

178

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

7

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

11.2

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

582945

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institution provides different service opportunities for students to address societal needs by collaborating with the people from nearby villages. Participating in community service activities empowers the students' holistic development, knowledge about civic and social needs and become mindful about community needs. The institution has adopted nearby villages for implementation of various welfare activities such as health and hygiene awareness, drinking water facilities, motivation towards community learning and education development. The institution conducted seminars and face-to-face interaction for members of the villages on various topics such as child labour, gender sensitization, clean and safe energy, women safety, superstitions, and environmental protection. The students and faculty members participated in NSS activities such as Telangana Haritha Haaram (plantation), National Youth Entrepreneurship Development Program, National Level Youth Fest, Gandhi Jayanthi, Swachh Bharat. The Institution also organized awareness campaigns on voting for general elections, health camps, AIDS awareness, clean and green, literacy awareness, women safety awareness, child education program, and significance of Yoga.

JB IET is well known for its extension activities as part of its gratitude to the people at large. These extension activities are conducted via UBA, NSS and Trust.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

9

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

16

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1010

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/

student exchange/ internship/ on-the-job training/ project work**45**

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**6**

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The institution is already having more than adequate infrastructure and physical facilities for teaching and learning process. The infrastructure of the Institution ensures adequate facilities for academic activities and research. The campus is beautified by gardening and landscaping. The campus has nearly 60 class rooms each with an average area of 88.26 sq.m., well equipped laboratories, well stacked library, spacious playground, gymnasium and facilities for sports & games. The Institution is equipped with LCD and smart boards to facilitate the modern teaching methods and ICT resources have been sufficiently strengthened in the institution with Computer to Student ratio being about 1:2. The institution has well-furnished, spacious classrooms with good ventilation to conduct classes. Classrooms are maintained as per norms for proper

visibility of blackboard and audibility. All the classrooms are ICT enabled and are equipped with fans, lights, LAN/WIFI connectivity. In addition, "Project Laboratories" and advanced research laboratories are also available for carrying out research. Life skills labs are exclusively designed to teach various life skill courses which are part of credit courses in JBIET syllabi. The institution has vibrant and modern five seminar halls with ICT enabled facilities to conduct seminars, conferences, guest lectures, webinars, and workshops for students and faculty. The institution has a modern automated central library, which is well equipped and furnished with spacious seating capacity for referring books, has access to various e-resources. Apart from regular office spaces to administrators and faculty members, the Institution has infrastructure facilities for curricular, co-curricular and extra-curricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/AQAR/20-21/4/4.1.1.pdf

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

Sports and physical activity have been intrinsically tied to the campus life of the students at the JBIET. It has 10 acres of land for play fields. The department of Physical Education has enough facilities for both outdoor and indoor games. The JBIET provides very good sports facilities and encourages all its students and staff to take up the sports. The gymnasium facilities are also available for the use of students and staff. The Sports Office of the Institution works towards the goals of providing access to fitness and exercise for all the students, faculty and staff maximizing opportunities to improve sporting performance, building and promoting a sporting culture in the campus and training sports volunteers and involving them in the organisation of sports activities in the campus.

Another hallmark of JBIETs vibrant campus life is the range and diversity of cultural activities happening on the campus round the year. Co-curricular activities are conducted through a range of societies and clubs, which are largely initiated and managed

by the students. Adequate slots are allotted in to ensure that enough scope is provided to extra-curricular engagement of students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/AQAR/20-21/4/4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

64

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

423.28

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

The Library is located in the "Main Block" of the campus with built up area of 1148 square meters. The institution has automated the library services to improve the quality and

efficiency of the services that the library provides. The Integrated Library Management System (ILMS) provides efficient, comfortable and prompt service to all its users including students, faculty and guest users. Besides regular updates on new arrivals through Online Public Access Catalogue, users can access the details of borrowings by them at any time of the day. The ILMS facilities also help users to check the availability of books. Users have access to and avail facilities from the library from anywhere within the campus. Web OPAC (Online Public Access Catalogue) facility is made available through KOHA Library Management Software to know the bibliographical details and availability. The LMS provides an extensive searching facility by various fields like the Title, Author, ISBN, Keyword, publishers and domain. All the active book collection is updated in the KOHA Library Management Software database and the Web OPAC is available for the users. The issue and return of books has been activated with the KOHA Library Management Software. ILMS of the Library is an essential foundation for handling all its day to day activities i.e receiving of books, ordering process, cataloguing, classification of books, serial control, circulation etc. Library is automated with KOHA Library Management System.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://jbiet.bestbookbuddies.com/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**19.55**

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year****414**

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

IT services provide support and facilities to students, faculty, staff and administration to facilitate effective teaching-learning, research, management and administration. The infrastructure and applications support are constantly updated to meet the ever-changing needs of the institute.

The JBIET is committed to develop a modern, secure and sturdy IT infrastructure to manage the teaching-learning and administrative activities of the institute. With this purpose, JBIET has developed a comprehensive information security policy to protect the availability, integrity, and confidentiality of JBIETs information technology (IT) resources. This policy applies to all faculty, staff, and students of the institute, and anyone who uses JBIET resources.

JBIET has well established IT infrastructure with over 1200

computing devices, 5000 meters of networking, 2 firewalls and over 50 switches providing gigabit network and 1 Gbps of internet speed. Such infrastructure requires a detailed IT policy for its proper management. JBIET has adopted a well suited, comprehensive IT policy for its IT infrastructure after elaborate deliberation at various levels including "HOD and Deans Meeting" and requisite approvals by the management. This IT policy is available on JBIET website (https://www.jbiet.edu.in/Policies/IT_Policy.pdf), in Central Library, Departmental Libraries, IT Services office, and IQAC office.

JBIET IT policy defines following items:

1. Process for requisition of an IT infrastructure
2. Process for reporting problem and tracking service response.
3. Process for requesting for WiFi by registering MAC address of the device.
4. Allocation of email, WiFi and LMS password.
- 5 Procedure for requisitioning installing new software.
6. Open source friendly framework.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/Policies/IT_Policy.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2	1

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. 750 Mbps								
<table border="1"> <thead> <tr> <th data-bbox="86 313 523 376">File Description</th><th data-bbox="523 313 1396 376">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="86 376 523 479">Details of bandwidth available in the Institution</td><td data-bbox="523 376 1396 479">View File</td></tr> <tr> <td data-bbox="86 479 523 584">Upload any additional information</td><td data-bbox="523 479 1396 584">View File</td></tr> </tbody> </table>	File Description	Documents	Details of bandwidth available in the Institution	View File	Upload any additional information	View File			
File Description	Documents								
Details of bandwidth available in the Institution	View File								
Upload any additional information	View File								
4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above								
<table border="1"> <thead> <tr> <th data-bbox="86 889 523 952">File Description</th><th data-bbox="523 889 1396 952">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="86 952 523 1055">Upload any additional information</td><td data-bbox="523 952 1396 1055">View File</td></tr> <tr> <td data-bbox="86 1055 523 1205">Paste link for additional information</td><td data-bbox="523 1055 1396 1205">https://www.jbiet.edu.in/category.php?mn1nks=8&catid=128</td></tr> <tr> <td data-bbox="86 1205 523 1312">List of facilities for e-content development (Data Template)</td><td data-bbox="523 1205 1396 1312">View File</td></tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Paste link for additional information	https://www.jbiet.edu.in/category.php?mn1nks=8&catid=128	List of facilities for e-content development (Data Template)	View File	
File Description	Documents								
Upload any additional information	View File								
Paste link for additional information	https://www.jbiet.edu.in/category.php?mn1nks=8&catid=128								
List of facilities for e-content development (Data Template)	View File								
4.4 - Maintenance of Campus Infrastructure									
4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)									
140.78									
<table border="1"> <thead> <tr> <th data-bbox="86 1588 523 1650">File Description</th><th data-bbox="523 1588 1396 1650">Documents</th></tr> </thead> <tbody> <tr> <td data-bbox="86 1650 523 1713">Audited statements of accounts</td><td data-bbox="523 1650 1396 1713">View File</td></tr> <tr> <td data-bbox="86 1713 523 1816">Upload any additional information</td><td data-bbox="523 1713 1396 1816">View File</td></tr> </tbody> </table>	File Description	Documents	Audited statements of accounts	View File	Upload any additional information	View File			
File Description	Documents								
Audited statements of accounts	View File								
Upload any additional information	View File								
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.									
The institution has defined procedures for maintaining physical, academic and support facilities as per the maintenance policy.									

MAINTENANCE SECTION: This section takes care of maintenance of infrastructural facilities which includes plumbing works, electrical, carpentry, masonry and sewage works. The section receives maintenance requirements from the departments and other sections and undertakes the necessary work following internal operating procedures under the directions given by the concerned head of the department.

INTERNAL OPERATING PROCEDURE: Any problem that persists in a department is represented to the maintenance in charge through a letter/mail. The in-charge deputes a skilled person/technician to attend the problem. The skilled person resolves the problem on site immediately, if no additional material is required. In case of material requirement, it is received from the maintenance section through an indent. If the material is to be procured from outside, permission is obtained from the maintenance in charge / Head of the Institution and arranged for procurement of material to fix the problem.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/Policies/Policy_for_maintaining_facilities.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1654

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

67

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
--	----------------------------

File Description	Documents
Link to Institutional website	https://www.jbiet.edu.in/category.php?mnlnks=20&catid=136
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year
2023

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students'	A. All of the above
--	----------------------------

grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression
5.2.1 - Number of outgoing students who got placement during the year
373

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education
45

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

40

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

11

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

In pursuit of quality education, the Institute provides equal stakes in decision making process by involving students in several statutory and non-statutory bodies. These students and alumni are encouraged to participate in decision making.

Student participation in Academic & Non-academic Activities:

Student participation and their feedback for design of syllabus to design of evaluation process is ensured in creation of Vision, Mission, PEOs, Syllabus formation, evaluation and curriculum gap analysis. Alumni are a part of every board of studies and they represent student's aspirations in key academic activities of the Department. The Feedback from the student is collected several times during their study. They provide feedback on Teaching & Learning practice, that helps Institute decide on requirement of extra content, additional classes, higher industry orientation and efficacy of faculty members in teaching. Students give feedback on college amenities and facilities such as canteen, hostel, mess, sports infrastructure, co-curricular, extracurricular activities and Internships. In turn, the institute focuses on improving the facilities. Students of Institute are involved in its several committees to present

their views for their development and the college as well. The committees. At JBIET, there are student technical associations in each Department Viz., Clique, CESA etc. Apart from this, students are also members in many professional society chapters Viz., ISTE, IEEE, IETE, ACM, IE, SAE, HMA. Students organize extra and co-curricular activities under these associations and chapters. SAC takes care of complete range of academic, co-curricular and extra-curricular activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

JBIET Alumni is a key stake holder in its Academic and any other development activities. The Institute consults its alumni on important aspects ranging from Vision, Mission, PEOs, Syllabus, evaluations, creation of amenities, Industry Institute needs and placements. Alumni are member of IQAC, JBIET.

JBIET is 23-year-old Institute and its alumni are there in every part of the world with large number in USA. To facilitate effective alumni connection and services, JBIET Alumni Association was formed in 2008 and it was registered in February 2019, vide Reg No :483 of 2019.

JBIET organizes annual Alumni event which is attended by its

Alumni, not only in India but across the world. This event, which is organized in February of Every Year is generally attended by more than three hundred members. Alumni Feedback is an important tool to assess' efficacy of JBIET academic performance, alumni survey is used for indirect PO attainment with 25 % of total weightage. Alumni members are part of BOS.

JBIET alumni help JBIET in following ways:

1. Supporting JBIET by delivering Guest Lectures in the area of their expertise.
2. Helping JBIET by providing placement contacts for student's placement.
3. Providing amenities in their respective Departments.
4. Helping JBIET Students going abroad for Higher educations by providing temporary accommodation and hand holding services.

JBIET helps its alumni in following way:

1. By organizing Conference, Workshop, Seminar which can support Alumni in their career growth.
2. By extending placement services even after passing out.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

JB Institute of Engineering and Technology (JBIET) was established in 1998 and it is one of the top ten most preferred

institutions in Telangana.

Vision of the Institution:

To be a centre of excellence in engineering and management education, research and application of knowledge to benefit society with blend of ethical values and global perception

Mission of the Institution:

- To provide world class engineering education, encourage research and development.
- To evolve innovative applications of technology and develop entrepreneurship.
- To mould the students into socially responsible and capable leaders.

Nature of Governance:

Participatory Management by all the stakeholders including the promoters is practiced

All the members of the Governing Body participate actively, and with their extensive experience, and leadership skills contribute to the growth and development of the institution.

Statutory committees like Boards of Studies, Academic council, Finance committee, and nine other non-statutory committees involving faculty are constituted to help in administration.

The Principal frames the rules and regulations for all academic and administrative issues under the guidance of the Governing body and Academic council of the institution. He ensures the recruitment of faculty with the calibre from eminent institutions to fulfill the vision of moulding the institution into a "Centre of academic excellence and advanced research".

The HOD in association with faculties is responsible for upgrading laboratories, syllabus, etc. In consultation with faculty members, he prepares a timetable and decides the allotment of workload.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.jbiet.edu.in/category.php?mnlnks=2&catid=25

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Designed curriculum of JBIET not only addresses the local and global needs but also meets the requirements of AICTE model curriculum. This case study explains the process and procedure of developing the curriculum duly considering the Pos& PSOs. The case study mentioned below substantiates the active decentralization and participative management in the timely and efficient revision of curriculum at JBIET.

A series of discussions were held with various stakeholders to design and develop a participative and productive curriculum. The draft copy of syllabus is prepared with the help of department faculty members and tabled for review and suggestions from the BoS. Suggestions given by the BoS are incorporated after reviewing their relevance and significance and submitted for approval of academic council. The recommendations of the BoS are sent to approval of Academic Council. The approved curriculum with the formal approval of BOG is implemented.

Thus, the decentralization and participative management in the revision of curriculum is ensured.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.jbiet.edu.in/pdfpls/Startegic-Plan.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The perspective and strategic plan is made by the institution to fulfill the requirements of industry and to address real world problems of local and global by providing quality education to produce technically competent Engineers and Managers to serve the nation.

Implemented Outcome-Based Education

JBIET has initiated and successfully implemented outcome based education after taking approval from Board of Governance in the 32nd meeting to improve in the areas of curriculum, teaching learning process, learning evaluation, faculty contribution, and finally to achieve NBA accreditation.

By involving all stakeholders, considering feedback given by all stakeholders and by using Bottom-up approach, JBIET evolved the vision, mission statements. Every program has its identities and defined Program Educational Objectives. To meet the stated PEOs, through COs and POs/PSOs of curriculum was revised after taking approval in statutory bodies. Each course is designed to meet about 5-6 course outcomes. The institute organized workshops to train the faculty on course objectives, course outcomes and various teaching methods (Pedagogical initiatives) to achieve theme of OBE. A process was defined and disseminated about computing CO-PO attainment levels. IQAC continuously monitors the teaching learning process, evaluation process and other practices by conducting Administrative and Academic audits through internal and external experts. by conducting various audits such as course file audit, classroom monitor audit, faculty work register, library register, question paper audit and maintaining the continuous improvement. Implementation of various OBE centric practices resulted in successful accreditation of four programs by NBA.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.jbiet.edu.in/pdf/fls/Startegic-Plan.pdf
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible

from the policies, administrative set-up, appointment and service rules, procedures, etc.

JB Institute of Engineering and Technology has many statutory and non-statutory bodies carrying out functions and responsibilities in pursuit of institutional mission and core values.

Governing Body

The administration is overseen by the Board of Governors (BOG). The governing body meets regularly and is conducted transparently. The BOG approves the Strategic Plan, Vision & Mission, and the Budget based on the Strategic Plan. The institution is well known for its good administrative practices and work culture.

Academic Council

The Academic Council is the highest academic body that decides and advises on all academic matters. Academic proposals of BOS from each department are scrutinized and approved with or without modifications by the academic council. It also recommends/advises the BOG on proposals for a new program of study and other academic matters.

Finance & Administrative Committees

The institution has in place several Committees / Sub-Committees in addition to statutory committees to continuously monitor the finance and administrative activities. The committees comprise key stakeholders.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.jbiet.edu.in/category.php?mnlnks=12&catid=100
Upload any additional information	View File
Paste link for additional Information	https://www.jbiet.edu.in/AQAR/20-21/6/6.2.2.pdf

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

A. All of the above

Support Examination

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

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

Teaching Staff

- As per the norms of AICTE, Pay commission recommendations are implemented Service, Conduct and Leave Rules are made available.
- Free medical facility available at Bhaskar General Hospital (Sister concerned institution). Maternity Leave for female staff members.
- Special casual leaves are sanctioned for attending conferences and workshops.
- Providing Registration fees, Dearness allowance, Travel grants for faculty attending conferences and workshops.
- Incentives for R&D activities
- Seed Money for Initiating Research Work
- Incentives for publication in Journals and Conferences
- Incentives of 5% of the total research project grant obtained by the faculty
- Reduction of workload for the faculty during their final submission of the Ph.D thesis Increments after getting Ph.D
- Reimbursement of entire expenditure (TA, DA, accommodation, Local travel etc.,) for faculty interaction/discussion with R&D personnel and submission of research proposals at various defense organizations
- Provision of space for faculty startups
- Provision of exclusive computing facilities to all senior

faculty and faculty pursuing research

- Recognition of the faculty with "Best Teacher Award" and Incentive Sports and Fitness facilities
- Health Awareness Programs like blood donation, organ donation, etc is conducted in every semester.

Non-Teaching Staff

- Service, Conduct and Leave Rules are made available for all staffs.
- Free medical facility available at Bhaskar General Hospital (Sister concerned institution). Maternity Leave for female employees
- Half-pay medical leave for staff members Uniform is provided for supporting staff.
- Health Awareness Programs

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.jbiet.edu.in/AQAR/20-21/6/6.3.1.pdf

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

110

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

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

125

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Management and monetary planning are taken with utmost importance at JBIET which in turn can provide fertile ground for academics and development. This institution has an agile monetary management system which conducts regular internal audits by certified auditors who are authorized to do the same. Moreover, the Govt. of Telangana also keep monitoring of the accounts/ finance through Telangana State Admission and Fee Regulatory Committee (TAFRC). The reimbursement fees for eligible students are paid by the state Government, which is followed by a transparent receipt. The Accounts Department of JBIET maintains the records and receipts of any procurement and/or expenditure of items. It may be noted that all records are duly submitted to the government from time to time. After a proper review, the government of Telangana approves the expenditure statement, which is submitted by JBIET and the approved statement is fetched to TAFRC for further modification of fee structure for next block period which is a period of three years.

The Finance committee of JBIET reviews their planning periodically. The Governing body of the institution takes advice from Finance Committee in all financial issues. This institution is registered under 12A of the department of Income Tax. To ensure financial amenability, the institute conducts audit by both internal as well as external auditors periodically. This institute takes help of third party auditor in every assessment year to prepare budget at institute level. Later, that proposed budget is presented in front of governing body for approval.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.jbiet.edu.in/Auditstatement.php

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Finance Committee of the institute consists of:

1. Dr. P.C. Krishnamachary, Principal (Chairman).
2. Sri J.V.Krishna Rao, Secretary. JBES, Member
3. Sri. R. Muthu Krishna, Chief Finance Officer (CFO), JBES, Member
4. Sri. P. C. Pusti, Finance Manager, JBES, Member
5. Dr. P. Subrahmanyam, Associate Professor, JBIET Member
6. Sri. G. Bapuji, Deputy Registrar, JBIET, Member

1. Budget estimates relating to the grants received /receivable from funding agencies, and income from fees,

etc. collected for the activities to undertake the scheme of autonomy; and

2. Audited accounts for the above.

In the finance committee meeting the following are discussed

Verification of Audited statements Budget proposal for the next financial year Income and expenditure for the current year

Implementations/follow up for the suggestion given by the committee members

Any variation of fee structure (examination fee) and remuneration for conducting examinations will be placed before the committee for approval.

Financial planning is also done by the Principal in consultation with all the related committees. The finance committee looks after any of the financial matters.

Annual Budget for departments

Financial Transparency for efficient use of financial resources is incurred through

- All the monetary transactions (both the receipts and payments) are processed through Canara Bank (Formerly Syndicate Bank) which is a Nationalized Bank
- Information pertaining to funded projects are also placed on the website.

The statements of accounts are audited by certified Chartered Accountants

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.jbiet.edu.in/Auditstatement.php

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental

improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC has been consistently striving to institutionalize quality assurance strategies and processes at every level of the institution are functioning.

Here are the two practices Institutionalised by as a result of IQAC initiatives.

Practice -I:

Academic and Administrative Audit:

IQAC conducts both academic and administrative audit to enhance the quality of the institution. Internal Quality Assurance Cell (IQAC) conducts academic audit which reviews the processes and procedures followed by various department to enhance the quality of the programs in terms of program objectives and ensure that the course and program outcomes are achieved. Academic audit is a two-fold system comprising of Internal and External Audits.

Internal Quality Assurance Cell (IQAC) ensures Administrative Audit process of evaluating the efficiency and effectiveness of the administrative procedures. IQAC monitors the process of implementing the suggestion recommended by the audit committee and ensures its compliance.

Practice -II:

Feedback from Students on Facilities

IQAC provides a pleasant ambience to the students for developing their skills in both academics and co- curricular and extracurricular activities. The feedback on Infrastructure facilities is collected from all the students.

The students give feedback in the range of 1 to 5 for each parameter in the feedback form. The survey report is collected from the students. Analysis is done by IQAC at the institutional level and it is submitted to Principal for review and suggestions. Based on the feedback report, the management prioritizes and make the decision and improving various facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.jbiet.edu.in/category.php?mnlks=21&catid=131

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

1. Pedagogical Techniques Introduced in Teaching Learning Process

Following teaching-learning methods are implemented by IQAC.

- Mind maps have been developed for many of the advanced topics.
- The concept of flipped classrooms was introduced.
- JBIET imparts skills (Life & Professional Skills) to the students through Experiential Learning/ Activity Based Learning methodologies.
- Learning by doing is an education methodology, where the students are encouraged to formulate the problem, search viable options, develop the prototype, and test it to come to final solution.
- Activity method is a method of teaching through activity in which the students participate rigorously and bring about efficient learning experiences. Learning by doing is an imperative practice in successful learning.
- Study materials related to all department courses are made available online on Institution Website.
- The students are encouraged to do the various online courses like NPTEL, edX, Coursera etc. to get acquainted to self-learning process.

2. Attainment of Program Outcomes and Course Outcomes

IQAC proposed, disseminated and implemented the following process for computing CO-PO attainment.

Initially attainments of Course Outcomes (COs) are computed using both direct and indirect methods. Attainments of Program Outcomes (POs) and Program Specific Outcomes (PSOs) are done from the attainment of COs through course and program articulation matrices. The level of attainment of POs, PSOs and COs are done through faculty course assessment report with

thoroughly designed evaluation rubrics. This method helps in indicating the learning outcomes of the students, employability levels and further progression.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.jbiet.edu.in/category.php?mnlnks=21&catid=131

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.jbiet.edu.in/category.php?mnlnks=21&catid=118
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

To take care of Gender Equality JBIET has established Women Empowerment Cell, which looks after any such cases at JBIET.

JBIET has introduced a course of Gender Sensitization in its syllabus to bring the sense of Gender equality among its

students.

Safety and security

- Separate toilets for ladies and common rooms for girl students are available.
- Thorough monitoring and security surveillance is provided till the last women employee/ girl student leaves the campus.
- Awareness on the policy of sexual harassment, gender discrimination and the compliant process.

Counselling

- College arranges counselling sessions for all students regularly.
- Faculty mentors meet the students allotted to them and they interact with them regarding academics, attendance, carrier guidance, placement, self -learning and any other personal issues.
- Abnormal behavioural kind of students are identified from time to time and such students are referred to psychological counselling.
- Women students are counselled periodically by the women faculty members on gender related problems.

Other relevant information

- Each class has a girl student as a class representative.
- The fair presentation of girl students and women faculty in all curricular, co-curricular and extra-curricular programs.
- Admissions are made following the rule of reservation which includes 33% of seats for girl students.
- 30% of women faculty members are available.
- The senior lady faculty members represent women empowerment cell undertake the responsibilities of counselling the lady faculty and girl students.
- The college celebrates events like: International Women's Day and other days of significance.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The Institution has designed methods for the management of waste generated on the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle. Various facilities available on the campus to handle different types of wastes are presented below.

Solid waste management

JBIET practices segregation of solid waste into dry waste and wet waste. Dustbins are placed separately for dry waste and wet waste in the campus. Recyclable materials such as plastic, glass, steel, steel cans are segregated under dry condition. The wet waste are disposed to the vendors.

Liquid waste management

The waste water generated from the sanitary facilities is disposed-off into septic tanks located at different places on the campus and their effluents combined with canteen waste water is used for gardening, watering trees etc. RO plant wastewater is diluted with canteen wastewater and used for gardening, watering trees etc.

Biomedical waste management

JBIET generates very little Biomedical waste and it is disposed in accordance with the guidelines of Telangana State Government.

E-waste management

E-waste or electronic waste is created when an electronic product is discarded after the end of its useful life. The Institution disposes its E-Waste through the agencies that are authorized by the government of Telangana.

Waste recycling system

The Institution has a sewage treatment plant with a capacity of 1 lakh litre/ day, which takes care of its sewage water generated on the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. Restricted entry of automobiles

2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms	A. Any 4 or all of the above

Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

JBIIET provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

- Every year, to promote harmony towards each other, different sports and cultural activities are conducted.
- Regional festivals like: Dusshera, Vinayaka Chaturthi, Diwali, Eid, Guru Purnima, Christmas, Bathukamma festival are celebrated in the college.
- The Institute has code of ethics for students, and a separate code of ethics for teachers and staff.
- JBIIET is having more than 30% of its faculty members coming from minorities and 60% of its students also belong to minorities, economically weaker sections and socially backward classes. JBIIET, by its norms, regulation, and culture does not believe in any kind of discrimination among its student and faculty members based on race, region, religion, caste, economic class and colour.

- This Institute takes utmost effort to ensure equal opportunity and harmonious co-existence for all its stake holders. It does not discriminate, based on any of the above mentioned criteria in terms of jobs, promotions, scholarships or other incentives.
- JBIET celebrates all secular festivals and organizes various events to celebrate any social moment of joy.
- To promote India centric secular view, JBIET celebrates events like, Independence Day, Republic Day, Engineers Day, Environment Day, Teachers Day, women's Day, Yoga Day etc. At JBIET, we take annual pledge to promote equality, harmony and co-existence among the society in general and JBIET in particular.

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

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

Sensitization of Students

JBIET considers, that Constitutional obligations are very important for a person's overall growth and the growth of the Society. To serve this purpose, two new subjects were included in the UG & PG syllabus of JBIET (R18 regulation onwards). These subjects are Ethics and Indian Constitution. Where Ethics provides overall framework for human being to survive, work and co-exist in this world, in general, Indian constitution provides specific implementation of it within Indian Context, giving important guidelines, human rights, duties, principal of equality and secularism. JBIET undertakes, different initiatives by organizing various activities like to sensitize students and employees to the constitutional Obligations, Values, Rights, Duties and responsibilities of the citizens.

Sensitization of Employees

Faculty members, during their joining and subsequent faculty development programs are sensitize to follow the spirit of constitution by acknowledging the equality of every Indian citizen, irrespective of their caste, creed, religion and

gender. They are specially sensitized to be very sensitive about the rights and privileges of Divyangjan (Differently abled citizens), under privileged classes and minorities.

This sensitization is not one-time affair and several refresher courses, guest lectures and seminars are organized to re-stress it among the faculty members and supporting staffs.

Ragging is a crime against humanity and violates Indian Constitution in terms of spirit and conduct. JBIET is a ragging free campus and takes all the steps to fulfil its obligation of keeping the campus ragging free, which is one of its constitutional responsibilities.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

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

JB IET is very active in fulfilment of its social, cultural & humanitarian obligations. It organizes several events to commemorate these ideas by means of events and festivals. Following are the key commemorative days, events & festivals are organized in JB IET annually:

1. Republic Day on 26th January.
2. Sustainable Development Day on 4th March.
3. International Woman's Day on 8th March.
4. World Water Day on 22nd March.
5. World Book Day on 23rd April.
6. National Technology Day on 11th May.
7. Telangana State formation Day on 2nd June.
8. World Environment Day on 5th June.
9. Independence Day on 15th August.
10. Teachers Day on 5th September.
11. Engineers Day on 15th September.

12.Faraday's Day on 22nd September.

13.Constitution Day on 26th November.

14.Gandhi Jayanti on 2nd October.

On each Day of event mentioned above seminar, giving the reasons and outcome derived which led to commemorate the Day is remembered by speakers. On some occasions, essay competition, elocutions and debates are organized. All the events are organized every year and the same is valid for the last 5 years.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice 1

1.Title of the Practice: 3600 Student Capacity Building for Enhanced Employability and Lifelong Learning.

The practice of 3600 Student Capacity Building for Enhanced Employability and Lifelong Learning has been one of the top priorities in J B Institute of Engineering and Technology.

2.Objectives of the Practice

Objectives of the practise

- To help the students acquire employability skills.
- To enhance employability skills to practical approach.
- To apply technical knowledge in promoting employability skills.
- To create interest among the students in lifelong learning.

- To develop essential life skills.
- To create a sense of passion to achieve personal and professional goals.

Best Practice 2

1. Title of the Practice: Holistic Faculty Development through Intensive Teaching Workshop

Holistic Faculty Development through Intensive Teaching Workshop is an important practice to refresh, enhance and upgrade the teaching-learning practices of the faculty.

2. Objectives of the Practice

- To train the members of faculty on pedagogical teaching and learning.
- To help the faculty on the use of modern concepts of teaching.
- To promote outcome-based education in teaching and learning.
- To impart the importance of using ICT tools in teaching.
- To educate the faculty on new innovations and practices of teaching.
- To enhance domain-based and research-based training through workshop.
- To attain better performance in teaching.

File Description	Documents
Best practices in the Institutional website	https://www.jbiet.edu.in/bestpractices.php
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Distinctiveness: Academic Excellence and Societal Consciousness

J B Institute of Engineering and Technology has been achieving

academic excellence through student outcomes and faculty contributions. The institution in its crest for excellence has been continuously interacting with industry, research organisations, and premier academic institutions to provide quality engineering education.

Besides this, the role of an educational institution for societal development has been in the top of the agenda of the institution. The institute has been adopting its neighbouring villages like Surangal, Andapur, Kanakamamidi, Murthujaguda, Bakaram and upgrading the schools of these villages and providing academic support by utilising the services of the institute's students and faculty members.

With the help of Vivekananda Institute of Human Excellence (VIHE), a branch of Ramakrishna Mission, JBIET started a campaigning in nearby villages for 'Clean, Green & Sanitized Village Area'. With its sister concern, Bhaskar Medical College, the institute organizes primary health check-up camps, such as eye check-up camps, and blood donation camps. The institute conducted a few oral, dental health care camps with the help of sister concern institute Balaji Dental College in the villages of Andapur and Kanakamamidi.

File Description	Documents
Appropriate link in the institutional website	https://www.jbiet.edu.in/institutional-distinctiveness.php
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. NAAC Accrediation
2. Institute Patents
3. Collabroration with International Universities
4. DST-FIST
5. Interdisciplinary Research
6. NIRF Ranking