YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution **AJAY BINAY INSTITUTE OF TECHNOLOGY**

- Name of the Head of the institution **Dr. Leena Samantray**

- Designation **Principal**

- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **06712362012**

- Mobile No: **9861181558**

- Registered e-mail **abitew@yahoo.co.in**

- Alternate e-mail **iqac@abit.edu.in**

- Address **Plot No-11/A/1, CDA**

- City/Town **CUTTACK**

- State/UT **Orissa**

- Pin Code **753014**

2.Institutional status

- Affiliated / Constitution Colleges

- Type of Institution **Co-education**

- Location **Urban**

- Financial Status   **Self-financing**

- Name of the Affiliating University   **BPUT, ROURKELA**

- Name of the IQAC Coordinator   **Dipak Kumar Jesthi**

- Phone No.   **9437449329**

- Alternate phone No.   **06712362012**

- Mobile   **9437449329**

- IQAC e-mail address   **iqac@abit.edu.in**

- Alternate e-mail address   **abitew@yahoo.co.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   http://abit.edu.in/wp-content/uploads/2022/07/AQAR-2019-20.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://abit.edu.in/bput-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.4**	**2016**	**05/11/2016**	**04/11/2021**

6.Date of Establishment of IQAC   **01/06/2015**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. D. K. Jesthi	**STTP**	**AICTE**	**2020, 6 MONTHS**	**318333**
Dr. Shree Kanungo	**STTP**	**AICTE**	**2020, 6 MONTHS**	**319500**

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

- Upload latest notification of formation of   View File

IQAC

9.No. of IQAC meetings held during the year   04

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   [View File](#)

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

- If yes, mention the amount

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

ORGANIZED AICTE SPONSORED 12 DAYS OF ONLINE STTP ON "CONTEMPORARY TOPICS IN MARKETING."

ORGANIZED AICTE SPONSORED 12 DAYS OF ONLINE STTP- AMM-2020 ON "ADVANCES IN MATERIALS & MACHINING."

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

Plan of Action	Achievements/Outcomes
Faculty members from different departments are encouraged to attend Faculty Development Programmes, and Conferences at other reputed institutions	Faculty members have presented their research findings in different conferences. The networking with other resource persons have created platform for advanced learning.
Facilitate the R & D work in the Institute	The existing R & D Cell capacity is enhanced through engagement of one full time dean cum professor and one full time research assistant. New equipment like personal computers, software, testing instruments, sensors, processors ,etc are purchased for research into IOT fields
Skill Development Programme like digital design and drafting courses like AutoCAD, CATIA and quality assurance training like NonDestructive Testing for mechanical engineering students	Students of EE, EEE, MECH, CIVIL were placed in different organisations due to this skill development programme.

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

- Name of the statutory body

Name	Date of meeting(s)
ABIT PMCA Society Governing Body	14/04/2021

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Mobile No:	**9861181558**
• Registered e-mail	**abitew@yahoo.co.in**
• Alternate e-mail	**iqac@abit.edu.in**
• Address	**Plot No-11/A/1, CDA**
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• State/UT	**Orissa**
• Pin Code	**753014**
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• Financial Status	**Self-financing**
• Name of the Affiliating University	**BPUT, ROURKELA**
• Name of the IQAC Coordinator	**Dipak Kumar Jesthi**
• Phone No.	**9437449329**

• Alternate phone No.	**06712362012**	
• Mobile	**9437449329**	
• IQAC e-mail address	**iqac@abit.edu.in**	
• Alternate e-mail address	**abitew@yahoo.co.in**	

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- Name of the statutory body

Name	Date of meeting(s)
ABIT PMCA Society Governing Body	14/04/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021	29/03/2022

15.Multidisciplinary / interdisciplinary

Multidisciplinary

16.Academic bank of credits (ABC):

The Exam Section of the Institute records the credits earned by individual students throughout their learning journey each semester. The proctorial record maintains the information regarding the progress of every student.

17.Skill development:

ABIT's Centres of Applied Research are Industry focused research centres based on a specific theme of Industry need. The centres identify solution requirements where engineering, computational and management techniques can be applied for resolving longstanding issues in an efficient and cost-effective manner.

CAR Programmes for Skill Developments of students of all branches.

Automation & Robotics
Composite Materials
Data Science
Design & Prototyping
Energy Efficiency
Market Research
Standards & Governance

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

The Institute delivers the curriculum in the Indian language as suitable for the students. Subjects like FRCP, Universal Human Values, Essence of Indian Knowledge Tradition - I, etc. have been introduced in the curriculum and syllabus by the University.

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

The institute focuses on Outcome-based education to promote the best teaching and learning process. For every subject, the course outcomes (COs) are mapped with the POs.Lesson plans are prepared before the commencement of the semester and it is duly approved by DAC after careful examination . The lesson plan encompasses the course outcomes. Question banks are prepared for each topic in the course based on the course outcomes and considering the university question pattern. Feedbacks are obtained from students, parents, alumni and other stake holders on teaching learning process with various parameters which are analyzed by the Dean academics/Principal. Attainment of COs, POs and PSOs

are calculated basic on specific rubrics, adopting direct
assessement , indirect assessement methods and corrective
measures are taken for continuous improvement.

20.Distance education/online education:

Institute provides only full-time courses. Institute conducts a
blended mode teaching methodology to enrich the learning process
of students. Both offline and online mode teaching processes are
adopted for a better understanding of students.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	09

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	1406

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	144

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	302

File Description	Documents
Data Template	View File

3.Academic

3.1	**90**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	**90**
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**38**
Total number of Classrooms and Seminar halls	

4.2	**22317737**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**350**
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Ajay Binay Institute of Technology is affiliated to Biju Patnaik University of Technology, Odisha. The University has designed its own curriculum for all the programs and the curriculum prescribed by the University is followed. The Institute has been closely monitoring the teaching & learning process starting from lesson

plans, class notes till the delivery and suggesting improvements based on the weekly academic review. Student feedback is taken after 1st internal examination; data is compiled and shared with the concern faculties for necessary improvement. Question papers for internal examination are prepared at par with the quality standard of university question papers. Technical question papers are discussed in separate classes conducted by each department for various for various competitive examinations like GATE and engineering service. Gap analysis of course curriculum is done and bridging of the gap is done by conducting seminars, workshops and technical sessions and by providing value added training. Industry oriented projects are done by students to provide hands on experience in industrial environment.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://abit.edu.in/wp-content/uploads/2023/06/1.1.1-AQAR-2020-2021.pdf

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

The institution adheres to the academic calendar prepared by the University with which it is affiliated (BPUT, Rourkela). The institution conducts Continuous Internal Evaluation (CIE). The Institute performs Class Tests, Surprise Tests, and Quiz Tests for Internal Assessment as per the academic calendar given by the University (BPUT).

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://abit.edu.in/wp-content/uploads/2023/06/1.1.2-ABIT-Academic-Calendar-2020-2021.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating   B. Any 3 of the above

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

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

1.2 - Academic Flexibility

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

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

09

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

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

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

2

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

100

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

100

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

1.3 - Curriculum Enrichment

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

The institution provides value-added subjects like the Future Ready Contribution Program, Essence of Indian Knowledge, and Tradition, and Environmental Science in the curriculum forthe holistic development of students as per the direction of the affiliated university (BPUT, Rourkela). Please find the link given below.

https://drive.google.com/file/d/13ItmXdy6kMBwdSYbhdkOhmvMYENNKkm5/view?usp=sharing

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

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

07

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

310

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows   B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

498

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

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

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

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

2.2 - Catering to Student Diversity

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

Focus on individual students

1. Motivating students to set multiple career goals to sustain their interest in the learning process.
2. Identifying uniqueness of each student, understanding the variations among students rather than lamenting them.
3. Equal attention on the student, his strengths and limitations, along with the subject matter.
4. Effective counselling based on the student's individual social and financial background.

Encouraging Advanced learners

1. Assigning complex design problems individually to enhance the problem skills of students.
2. GATE, PSU preparatory classes, Industry Led programs are arranged for advanced learners.
3. Advanced Learners are encouraged to participate in the hackathons, competitions organised in national levels.
4. They are encouraged to lead different student groups for organising different club activities.
5. Giving assignments to the students on topics beyond curriculum.

Mentoring slow learners

1. Remedial classes are conducted for late-joining lateral entry students with a separate time table to cover the syllabus up to their joining time.
2. Remedial classes are also conducted for lateral entry students in Mathematics, as they are found to be weak in Mathematics.
3. Class tests are conducted after a unit syllabus is completed

and the slow learners are identified.
    4. Remedial classes are conducted for these slow learners
       before the semester exams.

File Description	Documents
Link for additional Information	https://abit.edu.in/wp-content/uploads/2023/07/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1736	107

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Project based Learning through Centre for Applied Research and Alumni-Student Interaction process. Institute organises Technical Talk/Expert Talk/Industrial Lectures on topics beyond the curriculum in each course in regular classwork, Conductsdifferent lab experiments beyond the curriculum, Demonstratesof advanced topics beyond the curriculum by referring research journals and NPTEL materials.

To help students monitor and reinforce their learning

a) Conducting class tests from a previously circulated Question bank.

b) Guiding the students to solve previous GATE problems.

c) Demonstration of advanced topics beyond the curriculum by referring research journals and NPTEL materials

d) Encouraging students to work on different projects and participate in different national and state-level competitions

over different platforms.

Use of Teaching-Learning techniques

a) Adopting to different learning styles of students such as verbal, visual, kinaesthetic, interpersonal etc., while planning the Teaching and Learning process as much as possible

b) Activity-based learning such as group tasks, participating in student seminars, poster competitions, hackathons etc.

Assigning a topic to the group of students and guiding them to give presentations.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.3.1-Teaching-Learning-Process.pdf

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

The Excellent WI-FI enabled campus of ABIT has ensured that the best of the technologies be incorporated in teaching learning process. In addition to chalk and talk method of teaching, teachers of ABIT are easily using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources to expose the students for advance knowledge and practical learning. Teachers of ABIT are continuously encouraged for MOOCS, to watch NPTEL videos, SWAYAM videos, and English communication skills training videos and to refer online research paper, to adopt Mobile learning (m-learning) as e-learning to send/access course materials, Google classroom, Google meet, digital library, online interactions without time constraints for effective teaching and learning. Teachers of ABIT structure their course contents in the form of text, PDF and presentations on their respective Google classrooms. Teachers make announcements, track their students' performance and conduct quizzes and tests with this application. It is accessible through desktop/laptop and android mobile applications. Google meet is used to conduct online classes, meetings/webinars/workshops with students. Google meet is used to

host a video session/lecture and record the session for later access. Teachers of ABIT prepare digital study materials and share the same with students for their reference. Teachers are advised to prepare the digital study material and upload in college web site just after the completion of the class for students' reference.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://abit.edu.in/wp-content/uploads/2023/07/2.3.2.pdf

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

2.3.3.1 - Number of mentors

48

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

2.4 - Teacher Profile and Quality

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

107

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

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

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

16

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

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

2.4.3.1 - Total experience of full-time teachers

1094

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

2.5 - Evaluation Process and Reforms

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

Mechanism of internal assessment

The Institute conducts the following assessments internally for each semester by using following rubrics.

THEORY MARKS-50 marks(Rubrics)

Q1 - QUIZ TEST -I - 2.5MARK Q2 - QUIZ TEST-2 - 2.5MARK ST-1 - SURPRISE TEST-1 - 2.5MARK ST-2 - SURPRISE TEST-2 - 2.5MARK A1 - ASSIGNMENT-1 - 2.5MARK A2 - ASSIGNMENT-2 - 2.5MARK

ATTENDANCE - 5 MARKS CT1 - CLASS TEST-1 - 15 MARKS CT2 - CLASS TEST-2 - 15 MARKS

LAB MARKS & SESSIONALS (100 MARK)

Rubrics:

EXPERIMENT WORK PLANNING AND EXECUTION-20

RESULTS & INTERPRETATION - 30

REPORT - 30

UNDERSTANDING ON THEORY RELATED TO EXPERIMENT - 20

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.5.1.pdf

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

At the beginning of the semester, faculty members inform the students about the various components in the assessment process during the semester.The internal assessment test schedules are prepared as per the university and communicated to the students well in advance.The corrected answer scriptsare verified by HOD to ensure the standard evaluation process.The corrected answer papers of the students are distributed to them for the verification by the students and any grievance is redressed immediately. The marks obtained by the students in internal assessment tests are displayed on the department notice board.Noting the values in observation and validating the theoretical aspects student must submit lab record regularly.Day to day performance of the students is assessed for every experiment which includes regularity, performance, viva and the promptness in submitting the record.For lab courses, the marks/grade scored by the student for each experiment is indicated in the observation/record. The independent learning, practical approach to the real-time applications is tested by viva voce for laboratory courses.For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.

Redressal of grievances at institute level:

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests. Query if any is discussed with faculty and HOD

Redressal of grievances at University level: The queries related to results, corrections in mark sheets, other certificates issued by university are handled BY affiliated Universities - BPUT

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The College adopts Outcome based education rather than input oriented bell shaped curve of learning. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.Graduate attributes are described to the first year students at the commencement of the programme.At least five hours are spent by the teachers for introducing the subject to the Students.Learning Outcomes of the Programs and Courses are observed and measured periodically.Soft Copy of Curriculum and Learning Outcomes of Programmes and Courses areshared with the students and stakeholders.The importance of the learning outcomes has been communicated to the teachers in IQAC Meeting and Staff Meeting.The students are also communicated about the Programme outcomes, Programme Specific Outcomes and Course outcomes through Tutorial Meetings. Each department displays course outcomes of each subject , POs and PSOs of the peogram for the knowledge of students and other stake holders in the prime location of the departments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

The Programme outcomes, Programme specific outcomes and course outcomes of each and all departments are evaluated by the concerned department by adopting direct and indirect assessment and corrective measures are taken for improvement.After measuring the attainment of POs, PSOs, and COs,the strength of the students, as well as the passpercentage of the students is properly observed. We took utmost care in measuring the level of attainment of POs, PSOs, and COs and followed formal as well as informal mechanisms for the measurement of attainment of the outcomes. Even we took feedback from all the stakeholders in this respect and try to take necessary steps accordingly.The faculty records the performance of each student with the help of the specified course outcomes through a continuous evaluation process. The faculty provides home assignments to students, and conducts internal tests, viva voce, surprise tests, quiz, projects etc. in order to assess the Programme Outcomes and Programme Specific outcomes attained by each student.key indicators of measuring attainment are

End Semester University Examination

Internal Assessment:

Practical Assessment/ External Assessment

Result Analysis

Internships and Placements

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://abit.edu.in/wp-content/uploads/2023/07/ATTAINMENT-LEVEL-2020-21.pdf

2.6.3 - Pass percentage of Students during the year

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

384

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://abit.edu.in/wp-content/uploads/2023/07/PASS-OUT-STUDENTS-2020-21-RESULTS.pdf

2.7 - Student Satisfaction Survey

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

https://abit.edu.in/wp-content/uploads/2023/07/Student-Satisfaction-Survey-Form-2020-2021.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

21.37

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

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

14

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

21

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

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

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

14

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

3.3 - Extension Activities

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

Response: ABIT has a very active social activities and community connect cell, which works with students on sensitizing them on socially relevant issues and works with their contributions towards resolving items wherever possible.

The student volunteers visit neighboring localities and conduct various activities on regular basis for the development of the locality. In the last year the cell has executed the following programs.

- **Tree plantation in Independence Day in the neighborhood community as well as in the college campus.**

- **Traffic awareness among people during Road Safety week.**
- **Transgender awareness day in the neighborhood community on issues associated with their transition or identity.**
- **Blood Donor Day to raise awareness about the need to denote blood to increase the availability of safe blood and its products for patients in need in the neighborhood community and organize blood donation camp in the neighborhood community also. Blood donation camps in the college are regular activity whereby students and staff donate blood.**
- **Drinking water camp during the summer season in the neighborhood community.**
- **Swachh Bharat Abhiyan in the neighborhood community.**

International day of Yoga and organize Yoga fest.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

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

3

File Description	Documents
Any additional information	[View File](#)
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

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

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/

YRC etc., during the year

9

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

615

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

08

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities,

industries, corporate houses etc. during the year

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

09

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The infrastructure facilities and learning resources are categorized as under:

(a) Learning Resources include resources and infrastructure required for library, laboratories, computer centre, class room teaching, events, meetings, and conferences.

(b) Support facilities include hostels, non-resident students' centres, canteens, convocation hall, seminar halls, seminar hall, committee room, and sports grounds.

(c) Utilities include safe drinking water, restrooms, and power generators.

Classes are scheduled for optimal utilization of the available physical infrastructure.Sharing of laboratory facilities is also encouraged between faculties. Apart from the central facilities, such as, Computer Center, Central Library, there are many laboratories that cater to students from other faculties.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.1-ADEQUATE-INFRASTRUCTURE.pdf

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

The Institute, with its academic structure,integrates sports and extra-curricular activities as essential components. This is done not only for participation but also for the assessment of students. It has adequate facilities for sports, games and cultural activities. Large playgrounds with provision for multiple games, such as Athletics, Cricket, Football, Hockey, Volleyball, Basketball, and Kho-kho.Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carrom, table tennis, and chess also exist. Every year tech fests, hackathons, sports, and competitions are organized inside the institute premises.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.2-ADEQUATE-FACILITY.pdf

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

21

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

21

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.3-ICT_LMSGC-WEB.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

35079232

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

4.2 - Library as a Learning Resource

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

Central Library

It subscribes to 18 national journals, 13national magazines and 10 international journals and magazines. The library has many E-Books, NPTEL courses and various other MOOCs. It has DELNET (Membership No: IM-6051) and e-subscriptions to The Institute of Engineers magazine (Membership No: IM000642-6), Electrical India, Lighting India and free access to many more e-journals. The institute also provides the students with NPTEL video lectures which offer an opportunity to undergo free online certification courses in Engineering, Humanities and Science streams. This facility also assists faculties to enrich their knowledge and act as 'mentors' of the students. The library opens at 8.00 am and

closes at 7.00 pm. This gives the student enough time for their self-preparations. Students are encouraged to grab this opportunity and take the benefits of the library.

Number of E-Journals Subscription : 03

SL.NO

No of Titles

1

DELNET

2,50,00,000+ Books available

40,000+ list of Journals

5,000+ Full-text E-journals

1,00,000+ Thesis/Dissertations

2

The Institution of Engineers India

Journal of institution Engineers covers Series -A,B,C,D,E

IEI Springer Journals

IEI News

IEI Epitone

Annual Technical Report

Compendium on R % D Projects

Recent Publications

Publication schedule rates

3

Computer Society of India

I. Plinth Area in Sq.m : 557.4182 sq.m. (6000 sqft.)

II. Total number of Titles : 7,611

III. Total number of Books : 30,013

IV. Total number of Text Books : 27299

V. Total Number of Reference Books : 2714

VI. Total number of E-Books : 2320

VII. Number of Print Journals Subscription : 06

VIII. Number of E-Journals Subscription : 03

VII. Number of Reading Room : 02

IX. Sitting capacity of each reading room : 150

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.2.1-Library-Learning-Resources.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources   **B. Any 3 of the above**

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

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

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

1.12 LAKH

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

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

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

80

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

4.3 - IT Infrastructure

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

The institution frequently updates its IT facilities including Wi-Fi.

Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers Type of ICT facility Electrical Room no M-313 LCD, projector Mechanical Room no M-306 LCD, projector Computer Science Room no 205 smart class Computer Science Room no 206 LCD, projector Electronics Room no 315 LCD, projector Civil Room no 412 LCD, projector MBA Room no 201 LCD, projector MCA Room no M-409 LCD, projector

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

350

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

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

30.90 LAKH

File Description	Documents
Upload any additional information	[View File](#)
Audited statements of accounts.	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

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

The supporting staff members are well trained for maintaining and utilizing physical, academic and support facilities. Maintenance of the instruments, class rooms, chair and benches, lighting system, LED projectors, conventional black boards, Buses, sports complex, canteen etc are carried out regularly and when necessary under the supervision of Project Manager. The Project Manager of the college is assigned give a weekly report to the Principal and the necessary corrective measures are implemented after discussion with the college management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

640

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

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

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the

institution / non- government agencies during the year

693

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

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

A. All of the above

File Description	Documents
Link to institutional website	https://abit.edu.in/wp-content/uploads/2023/06/5.1.3-2020-21.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

251

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

251

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

251

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

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

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

05

File Description	Documents
Upload supporting data for the same	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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

NIL

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

All the events and co-curricular activities like Ignitron, Hackathons, Poster Presentations, Seminars, and Workshops are organized by student representatives. Students are also becoming members of anti-ragging committees and grievance redressal cells.

Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities

Internal Quality Assurance Cell - IQAC: IQAC cell involves student representatives in the development of quality culture in academic and other areas for the betterment of the students and institution. Anti- Ragging Cell: Student representatives in this cell create awareness about Anti Ragging and ensure a friendly environment between juniors and seniors students.

NSS Committee: It aims to involve the maximum number of students in NSS activities. Sports and Cultural Committee: Student representatives of this committee encourage and promote various sports and cultural activities. Grievances and Redressal Cell: Student Grievance Redressal Cell involves student representatives in resolving issues and grievances of students

File Description	Documents
Paste link for additional information	https://abit.edu.in/iqac-2/
Upload any additional information	View File

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

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

00

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

ABIT has an alumni associationthat contributes significantly to the development of the institution through financial and/or other support services. Alumni talks are regularly organized by the institute to develop the skills and employability skills of the students. Alumni mentors guide the students in GATE and PSU preparations. Actively help the organization and management of extensive outreach activities of the Institute. Alumni are Active members of various academic and administrative bodies of the Institute.Conduct surveys to take feedback from all stakeholders and suggest improvements..Provide counseling to students for employment.Unique mentorship program by assigning expert alumni to guide the final year engineering students in their projects in distance mode.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/5.4.1-2020-21-ALUMNI.pdf
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. In the academic year 2017-18,the governing body delegates all the academic and operational decisions based on policy to the mentors (Principal and Deans) headed by the Director in order to fulfil the vision and mission of the Institute. Faculty members are given representation in various committee and allowed to conduct various programs to showcase their abilities. Each department functions as a separate sub unit in deciding and implementing the student-centric programs and activities. They are encouragedto develop leadership skills by being in charge of various academic, cocurricular and extra-curricular activities. Students are empowered to play an active role as coordinator of co-curricular (incubation centre) and extracurricular activities (NSS) and social group coordinator. The Institute promotes a culture of participative management by involving the staff and students in various activities. Both staff and students are allowed to express themselves of any suggestions to improve the excellence in any aspect of the Institute. The principal, Deans and staff members are involved in defining the policies and procedures, framing guidelines, rules and regulations pertaining to admission, placement, discipline, grievance, counselling, training, library services and development and effectively implementing the same to ensure smooth and systematic functioning of the institute.

https://abit.edu.in/about-us/

File Description	Documents
Paste link for additional information	https://abit.edu.in/about-us/
Upload any additional information	[View File](#)

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

The Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. In the academic year 2017-18,the governing body delegates all the academic and operational decisions based on policy to the mentors (Principals and Deans) headed by the Director in order to fulfill the vision and mission of the Institute. Faculty members are given representation in various committees and allowed to conduct various programs to showcase their abilities. Each department functions as a separate sub-unit in deciding and implementing student-centric programs and activities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular and extra-curricular activities. Students are empowered to play an active role as coordinator of co-curricular (incubation centre) and extracurricular activities (NSS) and social group coordinator. The Institute promotes a culture of participative management by involving the staff and students in various activities. Both staff and students are allowed to express themselves of any suggestions to improve the excellence in any aspect of the Institute. The principal, Deans and staff members are involved in defining the policies and procedures, framing guidelines, rules and regulations pertaining to admission, placement, discipline, grievance, counselling, training, library services and development and effectively implementing the same to ensure smooth and systematic functioning of the institute.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.1.2.pdf
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

salient features of the strategic plan are:

• Developing Multidisciplinary innovation ecosystem, leading to incubation at institute, project based learning for students. • Publishing paper in reputed journals by faculty members and encourage students to do the same • Presenting projects at reputed institutes by students • Sponsoring faculty members and students to National/International level events • Increase number of Patent filing • Participation in Conferences • Sign MoU with industry for training, interaction, inviting experts for interactive sessions. • Organize Workshops/Training for Faculty/ Organizing Conferences • Introduce Certificate/Value Added Courses • Guest Lecture, Association Activities of respective departments • Industrial and Field Visits, Alumni interaction • Purchase of Lab Equipment, Lab Accessories/Tools/Consumables, Software purchase • Training of Non-teaching staff • Internships and Industry based projects for students • Apply for projects from government and non-governmental organizations like TEQIP

The Implementation of these plans has yielded:

• Conducting in-house Hackathons from which selected projects were presented at national level competitions. • Number of papers published in reputed Journals has increased manifold and student involvement in this activity has also improved. • Some of the departments have filed and also received grants for their patents.Innovative projects were developed in the institute with combined efforts of faculty members and students.Regular interaction with alumni helped students to decide on their future course of education and profession.Number of faculty members pursuing doctoral program, in the institute have been increased

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.2.1-1.pdf
Upload any additional information	View File

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

With the hands-on experience of the management, Institutional Management is designed in a best way with transparency to get the optimum results out of it. A hierarchical setup is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability, and Authorities at every stage.

Key Administrative Positions

GOVERNING BODY

PRINCIPAL

HEAD OF THE DEPARTMENT

COMMITTEES

DEPARTMENT COORDINATOR

The Governing body of the college is the supreme administrative body. It is constituted as per the norms fixed by AICTE, New Delhi, Affiliating University and Government of Odisha. Various functions of GB are * It approves the Vision and Mission of the Institution and departments. *It frames directive principles and policies *It amends and approves policies from time to time * It approves the annual budgets. Ensures the monitoring systems of control and accountability including financial & operational controls Administrative Set-up: The various committees are given below.

Anti-Ragging Committee,Disciplinary Committee,Women's protection cell,Grievances Redressal committee,Examination committee,Purchase Committee,Co-curricular & Extracurricular Committee,Alumni Committee,Internal Complaint Committee,RTI Committee,Committee for SC/ST Grievance,Infrastructure Development Committee,Library Advisory Committee,IQA Committee,E D Committee,Research and Development Committee,Recruitment Committee,Industry Institute Partnership Cell

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.2.2-2020-21.pdf
Link to Organogram of the Institution webpage	https://abit.edu.in/wp-content/uploads/2023/07/6.2.2-2020-21.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and non-teaching staff.The various welfare schemes are as follows:

- **Medical Allowance**
- **Maternity benefits as per norms**
- **Medical leave**
- **All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. program**
- **Employees' Welfare Fund**

The following facilities are also provided to employees for efficient functioning :

Medical leave , Yoga classes, Psychological counseling , 24 hour

power back-up (100%) through solar power plants and DG,Wi-Fi facility, Workspace, Computing facility, Cafeterias, Free transport to college, Identity cards, Sports facilities

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.3.1-2020-21.pdf
Upload any additional information	View File

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

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

21

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

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	[View File](#)
Reports of Academic Staff College or similar centers	[View File](#)
Upload any additional information	[View File](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

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

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

86

File Description	Documents
IQAC report summary	[View File](#)
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

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

The institution has a systematic appraisal mechanism for faculty members by considering feedback from students, peers, superiors, and others.The institution hasperformance based appraisal system PBAS for assessment of teaching staff. The appraisal report is

based on the annual performance of the employee on the basis of their academic, research and other extracurricular activities.This format [PBAS] is filled by the employee in a given prescribed proforma, which includes all the above set related to points and sub-points.The format contains general instruction

Academic performance

other related information [duly signed by the Principal]

Comment on the self-assessment

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.3.5-2020-21.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institute regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/AUDIT-REPORT-2020-21.pdf
Upload any additional information	View File

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

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

NIL

File Description	Documents
Annual statements of accounts	[View File](#)
Any additional information	[View File](#)
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

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

Sources of funds are as follows:

1.Fees: Fees are charged as per the university and government norms from students of various courses.

Resource mobilization policy and procedure:-

The Purchase Committee takes care that purchases are made correctly and in accordance with the rules.

The College Development Committee takes reviews of the mobilization of funds and the utilization of these sources periodically in their meetings.

Regular financial audits are carried out to ensurethe proper mobilization of the resources.

The Library Advisory Committee takes care that the resources in the library are utilized optimally.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/AUDIT-REPORT-2020-21.pdf
Upload any additional information	[View File](#)

6.5 - Internal Quality Assurance System

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

Response:

Internal Quality Assurance System of the College, which has been in existence for the last 06 years, is taking lead to implement quality improvement activities. Like,

- Preparation and timely submission of AQAR
- Internal and external audit

- Designing questionnaire for feedbacks and analyzing responses for identifying effective corrective actions
- Quality enhancement through Ranking and Rating processes-
- Internal promotions – norms and methodology
- Conduct IQAC meetings
- Closely monitoring the teaching & learning process starting from lesson plans, class notes till the delivery and suggesting improvements based on the weekly academic review.

- Student feedback is taken after 1st internal examination; data is compiled and shared with the concerned faculties for necessary improvement.

- Question papers for internal examination are prepared at par with the quality standard of university question papers.
- Technical question papers are discussed in separate classes conducted by each department for various competitive examinations like GATE, and engineering service.
- Conversion of existing R & D lab of the college into nodal research centre of university.

- Gap analysis of course curriculum is done and bridging of the gap is also done by conducting seminars, workshops and technical sessions etc.

- Industry oriented projects are done by students to provide hands on experience in industrial environment to enhance their employability.

Due implementation of value added courses like AutoCAD, CATIA,PLC, Advanced PLC and SCADA, Swayam courses and quality assurance training, students are being placed in different organizations.

File Description	Documents
Paste link for additional information	https://abit.edu.in/iqac-2/
Upload any additional information	View File

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar.All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teachinglearning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.Students are apprised of the Time-Table, Programme structure, syllabi of the courses before the semester commences.The Chief Proctor and the Discipline Committee members make random visits to ensure smooth functioning of classes.Feedback from students is also taken individually by teachers for their respective courses, by Proctors, AAAC and directly through IQAC.The teaching-learning processes are reviewed, and improvements implemented, based on the IQAC recommendations.In addition to IQAC and AAAC, the Institute also considers the recommendations of the Advisory Committee.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.5.2-2020-21.pdf
Upload any additional information	View File

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

D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://abit.edu.in/wp-content/uploads/2023/07/IQAC-FEEDBACK-2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

ABIT has a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status.

Safety and Security

Well-trained and vigilant women Warden and Assistant Wardens appointed to the Girls Hostel in the campus.

Security checkpoints are provided at all campus entries and exits.

Rotational duty by all faculty members for discipline and security.

Strict implementation of Anti-Ragging measures and keeping the campus ragging free.

Awareness campaigns on women safety and gender sensitivity through street plays rallies and camps by the Community Connect Cell

Separate hostels are provided for girls with appropriate security arrangements and hostel committees are formed to take care of the students.

Security guards are deployed at main gate and students with valid identity cards are allowed into the campus.

The college campus is under surveillance with CC cameras installed at prominent locations.

Women faculty members accompany girl students when they participate in outdoor activities or tours.

The college ensures social security through Anti-Ragging Committee and Grievance Redressal Committee.

https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf

File Description	Documents
Annual gender sensitization action plan	https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf

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

A. 4 or All of the above

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

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

Response:

ABIT follows a systematic waste management protocol to properly recycle and dispose of the wastes.

Solid waste management:

Large numbers of dustbins are placed at strategic spots for easy use of the people. Plastic and other non-degradable wastes are collected frequently. Segregation of waste from the dustbins is done in other locations specified by CMC and disposed thereof. Biological wastes from trees and plants are composted and used as manure. Leftover food, cooked wastes and vegetable wastes from canteen are used for feeding cattle in the nearby localities.

Liquid Waste Management:

The sewage water from throughout the campus is collected through the underground pipelines. The water, after proper sedimentation treatment, is utilized in the lawn and garden.

E-Waste Management:

Being a technical institute, ABIT confronts the problem strategically. Obsolete yet workable computers, printers and other equipment discarded by departments are donated to the schools and needy organizations.

The worn out computer hardware and electronic equipments are used for demonstration purposes as well as sold through scrap vendors. Students are also encouraged to find use of the discarded components in project works. The worn out UPS batteries are disposed through the scrap vendor as required by the state regulations.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://abit.edu.in/wp-content/uploads/2023/07/GreenAudit-ABIT-2021-2022.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available A. Any 4 or all of the above
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

File Description	Documents
Geo tagged 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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	[View File](#)

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	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 socioeconomic and other diversities (within 200 words).

Response:

Ajay Binay Institute of Technology takes various initiatives to promote an inclusive environment facilitating tolerance and harmony towards cultural, regional, linguistic, communal, socio-

economic, and other diversities. The Institute leaders are advised to know, how to create an inclusive environment in the institution. Feedbacks are obtained from students, teachers, staff members and other stake holders of the institution which are the most useful data for measuring inclusion. The institution brings tolerance and harmony among the students and staff by celebrating National and International Days, events and festivals like Independence Day, Republic Day, Teacher's Day, Children's Day, International Women's day, World Environment Day, Road safety Week, Blood donar Day, Annual Day, Gandhi Jayanti, International Yoga Day, Biswakarma Puja, Ganesh Puja, Saraswati Puja etc. (144 words)

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

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

Response:

ABIT has a very active social activities and community connect cell, which works with students on sensitizing them on socially relevant issues and works with their contributions towards resolving items wherever possible. The student volunteers visit neighboring localities and conduct various activities on regular basis for the development of the locality. In the last year the cell has executed the following programs.

- Tree plantation in Independence Day in the neighborhood community as well as in the college campus.

- Traffic awareness among people during Road Safety week.

- Transgender awareness day in the neighborhood community on issues associated with their transition or identity.

- Blood Donor Day to raise awareness about the need to denote blood to increase the availability of safe blood and its products for patients in need in the neighborhood community and organize blood donation camp in the neighborhood

community also. Blood donation camps in the college are regular activity whereby students and staff donate blood.

- Drinking water camp during the summer season in the neighborhood community.

- Swachh Bharat Abhiyan in the neighborhood community.

- International day of Yoga and organize Yoga fest.

- Develop reading skills of the students in vernacular medium primary schools in the neighborhood community.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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 programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

Response:

Ajay Binay Institute of Technology celebrates/organizes National and International Commemorative Days, events and festivals like Independence Day, Republic Day, Children's Day, International Women's day, World Environment Day, Road safety Week, Blood donar Day, , Gandhi Jayanti, Netaji jayanti, National Girl Child day, International Yoga Day, No Smoking Day, World water Day, Biswakarma Puja, Ganesh Puja, Saraswati Puja , Makar Sankranti, Christmas Eve, Rashtriya Ekta Diwas, Van Mahotsav week, etc to recall the events or contribution of our leaders in building the nation. Thoughts of great Indian personalities are inculcated into the young minds through motivational speeches, talks, Presentations etc. Every year Teachers day is celebrated on September 5th recognizing the contributions and achievements of teachers, Engineers day on 15th September to recognize the achievements of various engineers. The Institute also celebrates International Youth day to mark the birth Anniversary of Swami Vivekananda.

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

7.2 - Best Practices

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

Best Practice 1

Performance & Readiness Enhancement Program

Objective: Enhance ability of each admitted student to reach high performance in engineering curriculum.

Admitted students to the Institute come with a spectrum of background skills / knowledge levels. The levels and abilities vary considering the school, board, location of pre-engineering education and frequency of examination they have encountered. Their grasp of the fundamental building blocks to curriculum, in specific their knowledge levels on sub-jects of Mathematics, Physics and English determines their ability to perform in the initial semesters. The framework A - PREP provides a support system for each student to improve their ability to succeed in the challenging new environment of Engineering studies.

Best Practice 2

Student Feedback Capture, Relevant Analysis and Effective Faculty communica-tion.

Objectives:

Capture student feedback effectively, Analyze to remove superficial feedback data and Pre-sent in a manner acceptable to a faculty so that the real objective of performance improve-ment is not overshadowed by possible negative reaction to a student feedback.

Capturing student feedback on teaching and guiding continuous improvement based on the essence of feedback is an essential aspect of improving standard of teaching & guiding the mechanism of teaching with due respect to student opinion.

File Description	Documents
Best practices in the Institutional web site	[View File]
Any other relevant information	[View File]

7.3 - Institutional Distinctiveness

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

ABIT provides tremendous thrust and priority towards Excellence in technical and management education.

The vision of the institute is to promote quality teaching, exploration, research and facilitate holistic development of students that would help create capable technical man power needed for industry and academia.

The missions are the application of technical knowledge in collaboration with industry and institutions, to ensure an effective teaching on contemporary topics, to create centre of excellence and to establish partnership with local industries for collaborating, understanding and addressing real life technical challenges.In view of the vision and mission of the institution, all departments of ABIT are well equipped with latest equipments and experimental set ups in the laboratories to improve the teaching learning process. The program educational objectives (PEOs) of each program are established through consultation process and are published, disseminated in college website, HoD chamber, staff room, notice board, laboratories etc. All departments conduct workshop, seminars, and conferences on regular basis to enhance the knowledge of students with the latest technology. Centers for Applied Research in various interdisciplinary courses are setup to develop the student's ability to synthesize and envisage solution to real time problems through their immersion in the problem based activities.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Ajay Binay Institute of Technology is affiliated to Biju Patnaik University of Technology, Odisha. The University has designed its own curriculum for all the programs and the curriculum prescribed by the University is followed. The Institute has been closely monitoring the teaching & learning process starting from lesson plans, class notes till the delivery and suggesting improvements based on the weekly academic review. Student feedback is taken after 1st internal examination; data is compiled and shared with the concern faculties for necessary improvement. Question papers for internal examination are prepared at par with the quality standard of university question papers. Technical question papers are discussed in separate classes conducted by each department for various for various competitive examinations like GATE and engineering service. Gap analysis of course curriculum is done and bridging of the gap is done by conducting seminars, workshops and technical sessions and by providing value added training. Industry oriented projects are done by students to provide hands on experience in industrial environment.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://abit.edu.in/wp-content/uploads/2023/06/1.1.1-AQAR-2020-2021.pdf

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

The institution adheres to the academic calendar prepared by the University with which it is affiliated (BPUT, Rourkela). The institution conducts Continuous Internal Evaluation (CIE). The Institute performs Class Tests, Surprise Tests, and Quiz Tests for Internal Assessment as per the academic calendar given by the University (BPUT).

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	https://abit.edu.in/wp-content/uploads/2023/06/1.1.2-ABIT-Academic-Calendar-2020-2021.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**B. Any 3 of the above**

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

1.2 - Academic Flexibility

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

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

09

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

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

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

2

File Description	Documents
Any additional information	[View File](#)
Brochure or any other document relating to Add on /Certificate programs	[View File](#)
List of Add on /Certificate programs (Data Template)	[View File](#)

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

100

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

100

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

1.3 - Curriculum Enrichment

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

The institution provides value-added subjects like the Future Ready Contribution Program, Essence of Indian Knowledge, and

Tradition, and Environmental Science in the curriculum forthe holistic development of students as per the direction of the affiliated university (BPUT, Rourkela). Please find the link given below.

https://drive.google.com/file/d/13ItmXdy6kMBwdSYbhdkOhmvMYENNKk m5/view?usp=sharing

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

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

07

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

310

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	[View File](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View File](#)
Any additional information(Upload)	[View File](#)

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

498

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

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

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

100

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

2.2 - Catering to Student Diversity

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

Focus on individual students

1. Motivating students to set multiple career goals to sustain their interest in the learning process.
2. Identifying uniqueness of each student, understanding the variations among students rather than lamenting them.
3. Equal attention on the student, his strengths and limitations, along with the subject matter.
4. Effective counselling based on the student's individual social and financial background.

Encouraging Advanced learners

1. Assigning complex design problems individually to enhance the problem skills of students.
2. GATE, PSU preparatory classes, Industry Led programs are arranged for advanced learners.
3. Advanced Learners are encouraged to participate in the hackathons, competitions organised in national levels.
4. They are encouraged to lead different student groups for organising different club activities.
5. Giving assignments to the students on topics beyond

curriculum.

Mentoring slow learners

1. **Remedial classes are conducted for late-joining lateral entry students with a separate time table to cover the syllabus up to their joining time.**
2. **Remedial classes are also conducted for lateral entry students in Mathematics, as they are found to be weak in Mathematics.**
3. **Class tests are conducted after a unit syllabus is completed and the slow learners are identified.**
4. **Remedial classes are conducted for these slow learners before the semester exams.**

File Description	Documents
Link for additional Information	https://abit.edu.in/wp-content/uploads/2023/07/2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1736	**107**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Project based Learning through Centre for Applied Research and Alumni-Student Interaction process. Institute organises Technical Talk/Expert Talk/Industrial Lectures on topics beyond the curriculum in each course in regular classwork, Conductsdifferent lab experiments beyond the curriculum, Demonstratesof advanced topics beyond the curriculum by referring research journals and NPTEL materials.

To help students monitor and reinforce their learning

a) Conducting class tests from a previously circulated Question bank.

b) Guiding the students to solve previous GATE problems.

c) Demonstration of advanced topics beyond the curriculum by referring research journals and NPTEL materials

d) Encouraging students to work on different projects and participate in different national and state-level competitions over different platforms.

Use of Teaching-Learning techniques

a) Adopting to different learning styles of students such as verbal, visual, kinaesthetic, interpersonal etc., while planning the Teaching and Learning process as much as possible

b) Activity-based learning such as group tasks, participating in student seminars, poster competitions, hackathons etc.

Assigning a topic to the group of students and guiding them to give presentations.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.3.1-Teaching-Learning-Process.pdf

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

The Excellent WI-FI enabled campus of ABIT has ensured that the best of the technologies be incorporated in teaching learning process. In addition to chalk and talk method of teaching, teachers of ABIT are easily using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources to expose the students for advance knowledge and practical learning. Teachers of ABIT are continuously encouraged for MOOCS, to watch NPTEL videos, SWAYAM videos, and English communication skills training videos and to refer online

research paper, to adopt Mobile learning (m-learning) as e-learning to send/access course materials, Google classroom, Google meet, digital library, online interactions without time constraints for effective teaching and learning. Teachers of ABIT structure their course contents in the form of text, PDF and presentations on their respective Google classrooms. Teachers make announcements, track their students' performance and conduct quizzes and tests with this application. It is accessible through desktop/laptop and android mobile applications. Google meet is used to conduct online classes, meetings/webinars/workshops with students. Google meet is used to host a video session/lecture and record the session for later access. Teachers of ABIT prepare digital study materials and share the same with students for their reference. Teachers are advised to prepare the digital study material and upload in college web site just after the completion of the class for students' reference.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://abit.edu.in/wp-content/uploads/2023/07/2.3.2.pdf

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

2.3.3.1 - Number of mentors

48

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

2.4 - Teacher Profile and Quality

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

`107`

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

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

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

`16`

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

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

2.4.3.1 - Total experience of full-time teachers

`1094`

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

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

Mechanism of internal assessment

The Institute conducts the following assessments internally for each semester by using following rubrics.

THEORY MARKS-50 marks(Rubrics)

Q1 - QUIZ TEST -I - 2.5MARK Q2 - QUIZ TEST-2 - 2.5MARK ST-1 - SURPRISE TEST-1 - 2.5MARK ST-2 - SURPRISE TEST-2 - 2.5MARK A1 - ASSIGNMENT-1 - 2.5MARK A2 - ASSIGNMENT-2 - 2.5MARK

ATTENDANCE - 5 MARKS CT1 - CLASS TEST-1 - 15 MARKS CT2 - CLASS TEST-2 - 15 MARKS

LAB MARKS & SESSIONALS (100 MARK)

Rubrics:

EXPERIMENT WORK PLANNING AND EXECUTION-20

RESULTS & INTERPRETATION - 30

REPORT - 30

UNDERSTANDING ON THEORY RELATED TO EXPERIMENT - 20

File Description	Documents
Any additional information	View File
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.5.1.pdf

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

At the beginning of the semester, faculty members inform the students about the various components in the assessment process during the semester.The internal assessment test schedules are prepared as per the university and communicated to the students well in advance.The corrected answer scriptsare verified by HOD to ensure the standard evaluation process.The corrected answer papers of the students are distributed to them for the verification by the students and any grievance is redressed

immediately. The marks obtained by the students in internal assessment tests are displayed on the department notice board.Noting the values in observation and validating the theoretical aspects student must submit lab record regularly.Day to day performance of the students is assessed for every experiment which includes regularity, performance, viva and the promptness in submitting the record.For lab courses, the marks/grade scored by the student for each experiment is indicated in the observation/record. The independent learning, practical approach to the real-time applications is tested by viva voce for laboratory courses.For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.

Redressal of grievances at institute level:

Departmental Level: The continuous evaluation of students is carried out by faculty regarding theory lectures, labs, assignments, unit tests. Query if any is discussed with faculty and HOD

Redressal of grievances at University level: The queries related to results, corrections in mark sheets, other certificates issued by university are handled BY affiliated Universities - BPUT

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The College adopts Outcome based education rather than input oriented bell shaped curve of learning. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.Graduate attributes are described to the first year students at the commencement of the programme.At least five hours are spent by the teachers for introducing the subject to the Students.Learning Outcomes of the Programs and Courses are observed and measured

periodically.Soft Copy of Curriculum and Learning Outcomes of Programmes and Courses areshared with the students and stakeholders.The importance of the learning outcomes has been communicated to the teachers in IQAC Meeting and Staff Meeting.The students are also communicated about the Programme outcomes, Programme Specific Outcomes and Course outcomes through Tutorial Meetings. Each department displays course outcomes of each subject , POs and PSOs of the peogram for the knowledge of students and other stake holders in the prime location of the departments.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://abit.edu.in/wp-content/uploads/2023/07/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	[View File](#)

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

The Programme outcomes, Programme specific outcomes and course outcomes of each and all departments are evaluated by the concerned department by adopting direct and indirect assessment and corrective measures are taken for improvement.After measuring the attainment of POs, PSOs, and COs,the strength of the students, as well as the passpercentage of the students is properly observed. We took utmost care in measuring the level of attainment of POs, PSOs, and COs and followed formal as well as informal mechanisms for the measurement of attainment of the outcomes. Even we took feedback from all the stakeholders in this respect and try to take necessary steps accordingly.The faculty records the performance of each student with the help of the specified course outcomes through a continuous evaluation process. The faculty provides home assignments to students, and conducts internal tests, viva voce, surprise tests, quiz, projects etc. in order to assess the Programme Outcomes and Programme Specific outcomes attained by each student.key indicators of measuring attainment are

End Semester University Examination

Internal Assessment:

Practical Assessment/ External Assessment

Result Analysis

Internships and Placements

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://abit.edu.in/wp-content/uploads/2023/07/ATTAINMENT-LEVEL-2020-21.pdf

2.6.3 - Pass percentage of Students during the year

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

384

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://abit.edu.in/wp-content/uploads/2023/07/PASS-OUT-STUDENTS-2020-21-RESULTS.pdf

2.7 - Student Satisfaction Survey

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

https://abit.edu.in/wp-content/uploads/2023/07/Student-Satisfaction-Survey-Form-2020-2021.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

21.37

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

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

14

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

21

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

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

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

14

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

3.3 - Extension Activities

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

Response: ABIT has a very active social activities and community connect cell, which works with students on

sensitizing them on socially relevant issues and works with their contributions towards resolving items wherever possible.

The student volunteers visit neighboring localities and conduct various activities on regular basis for the development of the locality. In the last year the cell has executed the following programs.

- Tree plantation in Independence Day in the neighborhood community as well as in the college campus.

- Traffic awareness among people during Road Safety week.
- Transgender awareness day in the neighborhood community on issues associated with their transition or identity.
- Blood Donor Day to raise awareness about the need to denote blood to increase the availability of safe blood and its products for patients in need in the neighborhood community and organize blood donation camp in the neighborhood community also. Blood donation camps in the college are regular activity whereby students and staff donate blood.
- Drinking water camp during the summer season in the neighborhood community.
- Swachh Bharat Abhiyan in the neighborhood community.

International day of Yoga and organize Yoga fest.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

3

File Description	Documents
Any additional information	[View File](#)
Number of awards for extension activities in last 5 year(Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

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

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

9

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	[View File](#)
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	[View File](#)

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

615

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File](#)

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

08

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

09

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The infrastructure facilities and learning resources are categorized as under:

(a) Learning Resources include resources and infrastructure required for library, laboratories, computer centre, class room teaching, events, meetings, and conferences.

(b) Support facilities include hostels, non-resident students' centres, canteens, convocation hall, seminar halls, seminar hall, committee room, and sports grounds.

(c) Utilities include safe drinking water, restrooms, and power generators.

Classes are scheduled for optimal utilization of the available physical infrastructure.Sharing of laboratory facilities is also encouraged between faculties. Apart from the central facilities, such as, Computer Center, Central Library, there are many laboratories that cater to students from other faculties.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.1-ADEQUATE-INFRASTRUCTURE.pdf

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

The Institute, with its academic structure,integrates sports and extra-curricular activities as essential components. This is done not only for participation but also for the assessment of students. It has adequate facilities for sports, games and cultural activities. Large playgrounds with provision for multiple games, such as Athletics, Cricket, Football, Hockey, Volleyball, Basketball, and Kho-kho.Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carrom, table tennis, and chess also exist. Every year tech fests, hackathons, sports, and competitions are organized inside the institute premises.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.2-ADEQUATE-FACILITY.pdf

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

21

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

21

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.1.3-ICT_LMSGC-WEB.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

35079232

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

4.2 - Library as a Learning Resource

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

```
Central Library

It subscribes to 18 national journals, 13national magazines and
10 international journals and magazines. The library has many
E- Books, NPTEL courses and various other MOOCs. It has DELNET
(Membership No: IM-6051) and e-subscriptions to The Institute
of Engineers magazine (Membership No: IM000642-6), Electrical
India, Lighting India and free access to many more e-journals.
The institute also provides the students with NPTEL video
lectures which offer an opportunity to undergo free online
certification courses in Engineering, Humanities and Science
streams. This facility also assists faculties to enrich their
knowledge and act as 'mentors' of the students. The library
opens at 8.00 am and closes at 7.00 pm. This gives the student
enough time for their self-preparations. Students are
encouraged to grab this opportunity and take the benefits of
the library.

Number of E-Journals Subscription : 03

SL.NO


No of Titles

1

DELNET

2,50,00,000+ Books available

40,000+ list of Journals

5,000+ Full-text E-journals

1,00,000+ Thesis/Dissertations

2

The Institution of Engineers India

Journal of institution Engineers covers Series -A,B,C,D,E
```

IEI Springer Journals

IEI News

IEI Epitone

Annual Technical Report

Compendium on R % D Projects

Recent Publications

Publication schedule rates

3

Computer Society of India

I. Plinth Area in Sq.m : 557.4182 sq.m. (6000 sqft.)

II. Total number of Titles : 7,611

III. Total number of Books : 30,013

IV. Total number of Text Books : 27299

V. Total Number of Reference Books : 2714

VI. Total number of E-Books : 2320

VII. Number of Print Journals Subscription : 06

VIII. Number of E-Journals Subscription : 03

VII. Number of Reading Room : 02

IX. Sitting capacity of each reading room : 150

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://abit.edu.in/wp-content/uploads/2023/06/CRI-4.2.1-Library-Learning-Resources.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	B. Any 3 of the above

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

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

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

1.12 LAKH

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

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

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

80

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

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

The institution frequently updates its IT facilities including Wi-Fi.

Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers Type of ICT facility Electrical Room no M-313 LCD, projector Mechanical Room no M-306 LCD, projector Computer Science Room no 205 smart class Computer Science Room no 206 LCD, projector Electronics Room no 315 LCD, projector Civil Room no 412 LCD, projector MBA Room no 201 LCD, projector MCA Room no M-409 LCD, projector

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

350

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

30.90 LAKH

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The supporting staff members are well trained for maintaining and utilizing physical, academic and support facilities. Maintenance of the instruments, class rooms, chair and benches, lighting system, LED projectors, conventional black boards, Buses, sports complex, canteen etc are carried out regularly and when necessary under the supervision of Project Manager. The Project Manager of the college is assigned give a weekly report to the Principal and the necessary corrective measures are implemented after discussion with the college management.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

640

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

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

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

693

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

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

File Description	Documents
Link to institutional website	https://abit.edu.in/wp-content/uploads/2023/06/5.1.3-2020-21.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

251

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

251

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

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

251

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

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

5.2.2.1 - Number of outgoing student progression to higher education

03

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations

(eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

`05`

File Description	Documents
Upload supporting data for the same	[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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

`NIL`

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)
Number of awards/medals for outstanding performance in sports/cultural activities at uni versity/state/national/internatio nal level (During the year) (Data Template)	[View File](#)

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

`All the events and co-curricular activities like Ignitron, Hackathons, Poster Presentations, Seminars, and Workshops are organized by student representatives. Students are also becoming members of anti-ragging committees and grievance redressal cells.`

`Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities`

Internal Quality Assurance Cell - IQAC: IQAC cell involves student representatives in the development of quality culture in academic and other areas for the betterment of the students and institution. Anti- Ragging Cell: Student representatives in this cell create awareness about Anti Ragging and ensure a friendly environment between juniors and seniors students.

NSS Committee: It aims to involve the maximum number of students in NSS activities. Sports and Cultural Committee: Student representatives of this committee encourage and promote various sports and cultural activities. Grievances and Redressal Cell: Student Grievance Redressal Cell involves student representatives in resolving issues and grievances of students

File Description	Documents
Paste link for additional information	https://abit.edu.in/iqac-2/
Upload any additional information	View File

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

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

00

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

ABIT has an alumni associationthat contributes significantly to the development of the institution through financial and/or other support services. Alumni talks are regularly organized by the institute to develop the skills and employability skills of the students. Alumni mentors guide the students in GATE and PSU preparations. Actively help the organization and management of extensive outreach activities of the Institute. Alumni are Active members of various academic and administrative bodies of the Institute.Conduct surveys to take feedback from all stakeholders and suggest improvements..Provide counseling to students for employment.Unique mentorship program by assigning expert alumni to guide the final year engineering students in their projects in distance mode.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/5.4.1-2020-21-ALUMNI.pdf
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. In the academic year 2017-18,the governing body delegates all the academic and operational decisions based on policy to the mentors (Principal and Deans) headed by the Director in order to fulfil the vision and mission of the Institute. Faculty members are given representation in various committee and allowed to conduct various programs to showcase their abilities. Each department functions as a separate sub unit in

deciding and implementing the student-centric programs and activities. They are encouragedto develop leadership skills by being in charge of various academic, cocurricular and extra-curricular activities. Students are empowered to play an active role as coordinator of co-curricular (incubation centre) and extracurricular activities (NSS) and social group coordinator. The Institute promotes a culture of participative management by involving the staff and students in various activities. Both staff and students are allowed to express themselves of any suggestions to improve the excellence in any aspect of the Institute. The principal, Deans and staff members are involved in defining the policies and procedures, framing guidelines, rules and regulations pertaining to admission, placement, discipline, grievance, counselling, training, library services and development and effectively implementing the same to ensure smooth and systematic functioning of the institute.

https://abit.edu.in/about-us/

File Description	Documents
Paste link for additional information	https://abit.edu.in/about-us/
Upload any additional information	View File

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

The Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. In the academic year 2017-18,the governing body delegates all the academic and operational decisions based on policy to the mentors (Principals and Deans) headed by the Director in order to fulfill the vision and mission of the Institute. Faculty members are given representation in various committees and allowed to conduct various programs to showcase their abilities. Each department functions as a separate sub-unit in deciding and implementing student-centric programs and activities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular and extra-curricular activities. Students are empowered to play an active role as coordinator of co-curricular (incubation centre) and

extracurricular activities (NSS) and social group coordinator. The Institute promotes a culture of participative management by involving the staff and students in various activities. Both staff and students are allowed to express themselves of any suggestions to improve the excellence in any aspect of the Institute. The principal, Deans and staff members are involved in defining the policies and procedures, framing guidelines, rules and regulations pertaining to admission, placement, discipline, grievance, counselling, training, library services and development and effectively implementing the same to ensure smooth and systematic functioning of the institute.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.1.2.pdf
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

salient features of the strategic plan are:

• Developing Multidisciplinary innovation ecosystem, leading to incubation at institute, project based learning for students. • Publishing paper in reputed journals by faculty members and encourage students to do the same • Presenting projects at reputed institutes by students • Sponsoring faculty members and students to National/International level events • Increase number of Patent filing • Participation in Conferences • Sign MoU with industry for training, interaction, inviting experts for interactive sessions. • Organize Workshops/Training for Faculty/ Organizing Conferences • Introduce Certificate/Value Added Courses • Guest Lecture, Association Activities of respective departments • Industrial and Field Visits, Alumni interaction • Purchase of Lab Equipment, Lab Accessories/Tools/Consumables, Software purchase • Training of Non-teaching staff • Internships and Industry based projects for students • Apply for projects from government and non-governmental organizations like TEQIP

The Implementation of these plans has yielded:

• Conducting in-house Hackathons from which selected projects

were presented at national level competitions. • Number of papers published in reputed Journals has increased manifold and student involvement in this activity has also improved. • Some of the departments have filed and also received grants for their patents.Innovative projects were developed in the institute with combined efforts of faculty members and students.Regular interaction with alumni helped students to decide on their future course of education and profession.Number of faculty members pursuing doctoral program, in the institute have been increased

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.2.1-1.pdf
Upload any additional information	[View File](#)

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

With the hands-on experience of the management, Institutional Management is designed in a best way with transparency to get the optimum results out of it. A hierarchical setup is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability, and Authorities at every stage.

Key Administrative Positions

GOVERNING BODY

PRINCIPAL

HEAD OF THE DEPARTMENT

COMMITTEES

DEPARTMENT COORDINATOR

The Governing body of the college is the supreme administrative body. It is constituted as per the norms fixed by AICTE, New Delhi, Affiliating University and Government of Odisha. Various

functions of GB are * It approves the Vision and Mission of the Institution and departments. *It frames directive principles and policies *It amends and approves policies from time to time * It approves the annual budgets. Ensures the monitoring systems of control and accountability including financial & operational controls Administrative Set-up: The various committees are given below.

Anti-Ragging Committee,Disciplinary Committee,Women's protection cell,Grievances Redressal committee,Examination committee,Purchase Committee,Co-curricular & Extracurricular Committee,Alumni Committee,Internal Complaint Committee,RTI Committee,Committee for SC/ST Grievance,Infrastructure Development Committee,Library Advisory Committee,IQA Committee,E D Committee,Research and Development Committee,Recruitment Committee,Industry Institute Partnership Cell

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.2.2-2020-21.pdf
Link to Organogram of the Institution webpage	https://abit.edu.in/wp-content/uploads/2023/07/6.2.2-2020-21.pdf
Upload any additional information	[View File](#)

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and non-teaching staff.The various welfare schemes are as follows:

- **Medical Allowance**
- **Maternity benefits as per norms**
- **Medical leave**
- **All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. program**
- **Employees' Welfare Fund**

The following facilities are also provided to employees for efficient functioning :

Medical leave , Yoga classes, Psychological counseling , 24 hour power back-up (100%) through solar power plants and DG,Wi-Fi facility, Workspace, Computing facility, Cafeterias, Free transport to college, Identity cards, Sports facilities

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.3.1-2020-21.pdf
Upload any additional information	[View File]()

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

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

21

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

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

86

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The institution has a systematic appraisal mechanism for faculty members by considering feedback from students, peers, superiors, and others.The institution hasperformance based appraisal system PBAS for assessment of teaching staff. The appraisal report is based on the annual performance of the employee on the basis of their academic, research and other extracurricular activities.This format [PBAS] is filled by the employee in a given prescribed proforma, which includes all the above set related to points and sub-points.The format contains general instruction

Academic performance

other related information [duly signed by the Principal]

Comment on the self-assessment

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.3.5-2020-21.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the

various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institute regularly conducts internal and external financial audits. It has a full-time Treasurer and Accounts Department since inception to ensure maintenance of annual accounts and audits.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/AUDIT-REPORT-2020-21.pdf
Upload any additional information	View File

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

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

NIL

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Sources of funds are as follows:

1.Fees: Fees are charged as per the university and government norms from students of various courses.

Resource mobilization policy and procedure:-

The Purchase Committee takes care that purchases are made correctly and in accordance with the rules.

The College Development Committee takes reviews of the mobilization of funds and the utilization of these sources periodically in their meetings.

Regular financial audits are carried out to ensurethe proper mobilization of the resources.

The Library Advisory Committee takes care that the resources in the library are utilized optimally.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/AUDIT-REPORT-2020-21.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Response:

Internal Quality Assurance System of the College, which has been in existence for the last 06 years, is taking lead to implement quality improvement activities. Like,

- Preparation and timely submission of AQAR
- Internal and external audit

- Designing questionnaire for feedbacks and analyzing responses for identifying effective corrective actions
- Quality enhancement through Ranking and Rating processes-
- Internal promotions – norms and methodology
- Conduct IQAC meetings
- Closely monitoring the teaching & learning process starting from lesson plans, class notes till the delivery and suggesting improvements based on the weekly academic review.

- Student feedback is taken after 1st internal examination; data is compiled and shared with the concerned faculties for necessary improvement.

- Question papers for internal examination are prepared at

par with the quality standard of university question papers.

- Technical question papers are discussed in separate classes conducted by each department for various competitive examinations like GATE, and engineering service.
- Conversion of existing R & D lab of the college into nodal research centre of university.

- Gap analysis of course curriculum is done and bridging of the gap is also done by conducting seminars, workshops and technical sessions etc.

- Industry oriented projects are done by students to provide hands on experience in industrial environment to enhance their employability.

Due implementation of value added courses like AutoCAD, CATIA,PLC, Advanced PLC and SCADA, Swayam courses and quality assurance training, students are being placed in different organizations.

File Description	Documents
Paste link for additional information	https://abit.edu.in/iqac-2/
Upload any additional information	View File

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed.Admission to various programmes, summer, winter and mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar.All newly admitted students have to compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teachinglearning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute. All students are also given a guided tour of the

campus and the various facilities.Students are apprised of the
Time-Table, Programme structure, syllabi of the courses before
the semester commences.The Chief Proctor and the Discipline
Committee members make random visits to ensure smooth
functioning of classes.Feedback from students is also taken
individually by teachers for their respective courses, by
Proctors, AAAC and directly through IQAC.The teaching-learning
processes are reviewed, and improvements implemented, based on
the IQAC recommendations.In addition to IQAC and AAAC, the
Institute also considers the recommendations of the Advisory
Committee.

File Description	Documents
Paste link for additional information	https://abit.edu.in/wp-content/uploads/2023/07/6.5.2-2020-21.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	D. Any 1 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://abit.edu.in/wp-content/uploads/2023/07/IQAC-FEEDBACK-2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES
7.1 - Institutional Values and Social Responsibilities
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

ABIT has a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status.

Safety and Security

Well-trained and vigilant women Warden and Assistant Wardens appointed to the Girls Hostel in the campus.

Security checkpoints are provided at all campus entries and exits.

Rotational duty by all faculty members for discipline and security.

Strict implementation of Anti-Ragging measures and keeping the campus ragging free.

Awareness campaigns on women safety and gender sensitivity through street plays rallies and camps by the Community Connect Cell

Separate hostels are provided for girls with appropriate security arrangements and hostel committees are formed to take care of the students.

Security guards are deployed at main gate and students with valid identity cards are allowed into the campus.

The college campus is under surveillance with CC cameras installed at prominent locations.

Women faculty members accompany girl students when they participate in outdoor activities or tours.

The college ensures social security through Anti-Ragging Committee and Grievance Redressal Committee.

https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf

File Description	Documents
Annual gender sensitization action plan	https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://abit.edu.in/wp-content/uploads/2023/06/7.1.1.-FACILITIES.pdf

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

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

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

Response:

ABIT follows a systematic waste management protocol to properly recycle and dispose of the wastes.

Solid waste management:

Large numbers of dustbins are placed at strategic spots for easy use of the people. Plastic and other non-degradable wastes are collected frequently. Segregation of waste from the dustbins is done in other locations specified by CMC and disposed thereof. Biological wastes from trees and plants are composted and used as manure. Leftover food, cooked wastes and

vegetable wastes from canteen are used for feeding cattle in the nearby localities.

Liquid Waste Management:

The sewage water from throughout the campus is collected through the underground pipelines. The water, after proper sedimentation treatment, is utilized in the lawn and garden.

E-Waste Management:

Being a technical institute, ABIT confronts the problem strategically. Obsolete yet workable computers, printers and other equipment discarded by departments are donated to the schools and needy organizations.

The worn out computer hardware and electronic equipments are used for demonstration purposes as well as sold through scrap vendors. Students are also encouraged to find use of the discarded components in project works. The worn out UPS batteries are disposed through the scrap vendor as required by the state regulations.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	https://abit.edu.in/wp-content/uploads/2023/07/GreenAudit-ABIT-2021-2022.pdf
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
Geo tagged 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: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	[View File](#)

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	[View File](#)
Any other relevant information	[View File](#)

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	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 socioeconomic and other diversities (within 200 words).

Response:

Ajay Binay Institute of Technology takes various initiatives to promote an inclusive environment facilitating tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. The Institute leaders are advised to know, how to create an inclusive environment in the institution. Feedbacks are obtained from students, teachers, staff members and other stake holders of the institution which are the most useful data for measuring inclusion. The institution brings tolerance and harmony among the students and staff by celebrating National and International Days, events and festivals like Independence Day, Republic Day, Teacher's Day, Children's Day, International Women's day, World Environment Day, Road safety Week, Blood donar Day, Annual Day,

Gandhi Jayanti, International Yoga Day, Biswakarma Puja, Ganesh Puja, Saraswati Puja etc. (144 words)

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

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

Response:

ABIT has a very active social activities and community connect cell, which works with students on sensitizing them on socially relevant issues and works with their contributions towards resolving items wherever possible. The student volunteers visit neighboring localities and conduct various activities on regular basis for the development of the locality. In the last year the cell has executed the following programs.

- **Tree plantation in Independence Day in the neighborhood community as well as in the college campus.**

- **Traffic awareness among people during Road Safety week.**

- **Transgender awareness day in the neighborhood community on issues associated with their transition or identity.**

- **Blood Donor Day to raise awareness about the need to denote blood to increase the availability of safe blood and its products for patients in need in the neighborhood community and organize blood donation camp in the neighborhood community also. Blood donation camps in the college are regular activity whereby students and staff donate blood.**

- **Drinking water camp during the summer season in the neighborhood community.**

- **Swachh Bharat Abhiyan in the neighborhood community.**

- **International day of Yoga and organize Yoga fest.**

- **Develop reading skills of the students in vernacular medium primary schools in the neighborhood community.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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 programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

Response:

Ajay Binay Institute of Technology celebrates/organizes

National and International Commemorative Days, events and festivals like Independence Day, Republic Day, Children's Day, International Women's day, World Environment Day, Road safety Week, Blood donar Day, , Gandhi Jayanti, Netaji jayanti, National Girl Child day, International Yoga Day, No Smoking Day, World water Day, Biswakarma Puja, Ganesh Puja, Saraswati Puja , Makar Sankranti, Christmas Eve, Rashtriya Ekta Diwas, Van Mahotsav week, etc to recall the events or contribution of our leaders in building the nation. Thoughts of great Indian personalities are inculcated into the young minds through motivational speeches, talks, Presentations etc. Every year Teachers day is celebrated on September 5th recognizing the contributions and achievements of teachers, Engineers day on 15th September to recognize the achievements of various engineers. The Institute also celebrates International Youth day to mark the birth Anniversary of Swami Vivekananda.

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

7.2 - Best Practices

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

Best Practice 1

Performance & Readiness Enhancement Program

Objective: Enhance ability of each admitted student to reach high performance in engineering curriculum.

Admitted students to the Institute come with a spectrum of background skills / knowledge levels. The levels and abilities vary considering the school, board, location of pre-engineering education and frequency of examination they have encountered. Their grasp of the fundamental building blocks to curriculum, in specific their knowledge levels on sub-jects of Mathematics,

Physics and English determines their ability to perform in the initial semesters. The framework A – PREP provides a support system for each student to improve their ability to succeed in the challenging new environment of Engineering studies.

Best Practice 2

Student Feedback Capture, Relevant Analysis and Effective Faculty communica-tion.

Objectives:

Capture student feedback effectively, Analyze to remove superficial feedback data and Pre-sent in a manner acceptable to a faculty so that the real objective of performance improve-ment is not overshadowed by possible negative reaction to a student feedback.

Capturing student feedback on teaching and guiding continuous improvement based on the essence of feedback is an essential aspect of improving standard of teaching & guiding the mechanism of teaching with due respect to student opinion.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	[View File](#)

7.3 - Institutional Distinctiveness

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

ABIT provides tremendous thrust and priority towards Excellence in technical and management education.

The vision of the institute is to promote quality teaching, exploration, research and facilitate holistic development of students that would help create capable technical man power needed for industry and academia.

The missions are the application of technical knowledge in collaboration with industry and institutions, to ensure an

effective teaching on contemporary topics, to create centre of excellence and to establish partnership with local industries for collaborating, understanding and addressing real life technical challenges.In view of the vision and mission of the institution, all departments of ABIT are well equipped with latest equipments and experimental set ups in the laboratories to improve the teaching learning process. The program educational objectives (PEOs) of each program are established through consultation process and are published, disseminated in college website, HoD chamber, staff room, notice board, laboratories etc. All departments conduct workshop, seminars, and conferences on regular basis to enhance the knowledge of students with the latest technology. Centers for Applied Research in various interdisciplinary courses are setup to develop the student's ability to synthesize and envisage solution to real time problems through their immersion in the problem based activities.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

All departments of ABIT have highly qualified, experienced and skilled faculty members to improve the quality of technical education and for further improvement. ABIT plans with faculties in the following,

- Attending seminar/workshop /FDP/STTP etc.

- publishing papers in reputed journals

- be the member of professional societies

- organizing national/international seminars/workshops/FDP/STTP

- doing R&D projects, consultancy and patent

- apply for research grant

ABIT provides all type of facilities to its students in the following areas

- Organizing/participating in engineering events

- publication of technical magazines and newsletters

- participating in inter -institute events

- research publications

- products development

- showing their talents in university examinations ,GATE, MAT,CAT and placement drives

ABIT tries to improve its Efficiency by

- establishing centers for applied research

- developing opportunity for placement, research, industrial knowledge

- providing facilities for learning new skills

- creating a positive work-life balance

In our continued campaign toward attaining our strategic goals and correcting areas of weakness, we continue our focus on several strategic priorities, such as

- Maintaining research orientation in all the Departments

- Transforming academic programs to excellence

- Initiatives in Innovation and Entrepreneurship

- Improving employability of graduates

- Achieving the targets of 100% eligible UG and PG programs

accredited (NBA) within one year.

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