



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

- Name of the Head of the institution **Dr PALANISAMY C**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **04295226050**
- Alternate phone No. **04295226000**
- Mobile No. (Principal) **9842217170**
- Registered e-mail ID (Principal) **principal@bitsathy.ac.in**
- Address **Sathy-Bhavani State Highway,
Alathukombai P.O.**
- City/Town **Sathyamangalam**
- State/UT **Tamil Nadu**
- Pin Code **638401**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **27/02/2008**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr RAMESH KUMAR T**
- Phone No. **04295226046**
- Mobile No: **9486084456**
- IQAC e-mail ID **headiqac@bitsathy.ac.in**

3. Website address (Web link of the AQAR (Previous Academic Year))

<https://www.bitsathy.ac.in/wp-content/uploads/AQAR-2022-2023.pdf>

4. Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/AY-2023-2024-Academic-Calendar.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.11	2009	15/06/2009	14/06/2014
Cycle 2	A	3.57	2015	03/03/2015	02/03/2020
Cycle 3	A+	3.36	2021	08/02/2021	07/02/2026

6. Date of Establishment of IQAC

17/12/2009

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
BALAKRISHNAR AJA R / BT	STARTUP INDIA SEED FUND	DPIIT	22/06/2023	Rs. 2,00,00,000
PARIMALA M / MATHS	STUTI	DST	28/07/2023	Rs. 68,150

BALAKRISHNAR AJA R / BT	INCUBATION COMPONENT OF MSME INNOVATIVE SCHEME	MSME	08/08/2023	Rs.25,75,000
SANJOY DEB / ECE	TEXMIN	TEXMIN	09/08/2023	Rs.14,13,000
SATHISH V / CHEMISTRY	TRAVEL GRANT	SERB	14/08/2023	Rs.1,71,309
ASHOKAN S / PHYSICS	NITW-DST HANDSON TRAINING PROGRAM	DST	21/08/2023	Rs.5,50,252
MUTHUKUMAR P / CHEMISTRY	SYMPOSIUM/SE MINAR	SERB	01/09/2023	Rs.1,00,000
DEEPA D / ECE	ATAL-FDP	AICTE	18/09/2023	Rs.3,50,000
ANDRIL ALAGUSABAI / EEE	SEMINAR GRANT	DBT	29/09/2023	Rs.64,000
GANESH BABU C / EIE	SYMPOSIA GRANT	CSIR	28/11/2023	Rs.25,000
VENKATESHKUM AR U / ECE	SURC	SERB	01/12/2023	Rs.18,86,130
SANJOY DEB / ECE	CORE RESEARCH GRANT	SERB	19/01/2024	Rs.15,18,000
KAVITHA C / CHEMISTRY	MENTOR- MENTEE SCHEME	IIC	07/03/2024	Rs.2,25,000

8. Provide details regarding the composition of the IQAC:

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

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

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

10. Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

The IQAC conducted periodical audits and training sessions to ensure compliance with NBA accreditation standards. As a result, three undergraduate programs (BT, CSE, and ECE) successfully awarded NBA accreditation in the second cycle.

Implementation of the "Advanced Gurugulam" program to equip first-year students with essential foundation skills, enhancing their overall academic performance and employability.

Facilitated the formation of the Institutional Advisory Board (IAB), providing strategic guidance and oversight to the institution's development. The IAB comprises key stakeholders, including academic and administrative heads, faculty members, and external representatives.

Conducted one-credit courses centrally through the IIPC, ensuring consistent quality and accessibility across different programs.

Established an appellate committee to address student grievances related to the revaluation of answer scripts, providing a fair and transparent mechanism for resolving disputes.

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

Plan of Action	Achievements/Outcomes
Conducting comprehensive audits and training sessions to ensure compliance with NBA accreditation standards for relevant undergraduate programs.	Successfully awarded NBA accreditation for three undergraduate programs (BT, CSE, and ECE) in the second cycle.
Implementing an Advanced Gurugulam program to equip first-year students with essential foundation skills.	Enhanced the academic performance and employability of first-year students through the Advanced Gurugulam program.
Establishing Institutional Advisory Board (IAB) to provide strategic guidance and oversight.	The IAB provided valuable insights and recommendations for the institution's development.
Conducting one-credit courses centrally through the IIPC.	Ensured consistent quality and accessibility of one-credit courses across different programs.
Establishing an appellate committee to address student grievances related to the revaluation of answer scripts.	Established a fair and transparent mechanism for resolving student grievances related to revaluation.
Implementing a unified Board of Studies (BoS) for clustered departments.	Fostered interdisciplinary collaboration, ensured consistency in curricula, reduced redundancy, and incorporated industry-relevant content while optimizing resource utilization.
Introducing assessments for professional and technical competencies of each faculty member.	Enhanced teaching quality, identified skill gaps, aligned faculty skills with institutional goals, promoted accountability, and recognized excellence, driving overall academic and professional growth.

13. Was the AQAR placed before the statutory body? No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

Data of the Institution

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uploaded on the institutional website?		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Nil	Nil
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
AY 2023-2024	10/02/2025
15. Multidisciplinary / interdisciplinary	
<p>The institute is committed to fostering multidisciplinary education through various initiatives. From the academic year 2024-2025, the curriculum will include Minor vertical courses, open and language electives, and mandatory mini-projects to enhance practical learning. Senior students will undertake significant project work in the VII and VIII semesters, supported by one-credit courses focusing on specialized topics. A Centre for Research is being formulated to facilitate multidisciplinary research, addressing societal and industrial challenges. Co-curricular and extracurricular activities will also be integrated into the curriculum, alongside socially relevant projects, to provide holistic learning experience. The institution's flexible and innovative curriculum promotes holistic development through elective courses, NPTEL online courses, language options (Hindi, German, Tamil), and self-study electives, while fostering interdisciplinary understanding through theory-lab combinations and startup management courses. Although plans for multiple entry and exit points in undergraduate education are currently not applicable, the institute actively engages in multidisciplinary research aligned with the United Nations' Sustainable Development Goals (SDGs), including clean energy, sustainable cities, and clean water. Research efforts are supported by facilities like the Environmental Research Lab, which works on consultancy projects related to water and sanitation. Promoting an interdisciplinary approach, the institute revises its curriculum to integrate humanities with STEM, offers honor and minor</p>	

degrees, organizes interdisciplinary workshops, and enables students to choose open electives across departments. Initiatives like one-credit courses, interdisciplinary final-year projects, and value-added courses further foster a multidisciplinary learning culture. Specialized labs, cross-departmental events, and BIT Wiki ensure collaborative learning and innovation. Research parks facilitate faculty and student collaboration on impactful societal solutions.

16.Academic bank of credits (ABC):

Bannari Amman Institute of Technology has taken proactive measures to meet the requirements of the Academic Bank of Credits (ABC) framework, which digitally stores students' academic credits earned from Higher Educational Institutions. The institution collects and uploads student details and academic records to the Digilocker/ABC platform, ensuring accessibility and transparency. Registered under Digilocker/ABC with NAD ID NAD012912, the institute mandates all first-year students to create their ABC IDs and link them to access academic documents. To date, 5,785 ABC IDs have been created, including 1800 IDs for the 2021-2025 UG batch, 1931 for the 2022-2026 UG batch, 1770 for the 2023-2027 UG batch, and 94 and 84 for the 2022-2024 and 2023-2025 PG batches, respectively. Academic records have been systematically uploaded for these batches, with details including semester-wise uploads such as 1568 records for the I Semester and 1768 for the III and IV Semesters of the 2021-2025 UG batch. Each admitted student is promptly enrolled on the ABC portal for seamless credit accumulation. The institution's registration under the ABC framework enables students to benefit from multiple entries and exits during their chosen program, aligning with MHRD guidelines. While internationalization and joint degree efforts are currently not applicable, the institution empowers faculty to innovate within the approved curricular framework, participating in governance through bodies like the Governing Council, Academic Council, and Board of Studies. Faculty have the freedom to incorporate industry feedback, design pedagogical approaches, and select textbooks, reading materials, and assignments. Good practices in ABC implementation include credit transfer and accumulation through one-credit courses, internships, self-study electives, and special electives. These facilities allow credit transfer within disciplines, fostering flexibility and enhancing students' academic journeys.

17.Skill development:

The institution prioritizes strengthening vocational education

and soft skills development through initiatives aligned with the National Skills Qualifications Framework (NSQF). By integrating NSQF guidelines into the curriculum, the institution offers a robust Skill Development Program based on a "Learning by Doing" approach, encompassing fields like electrical wiring, basics of electronics, prototype modeling, PLC, networking, welding, and assembly & dismantling in dedicated Gurugulam labs. Soft skills training focuses on enhancing communication, teamwork, and problem-solving abilities, supplemented by industry collaborations, internships, and practical experiences that meet NSQF standards and lead to certifications. Regular feedback from employers and students ensures continuous improvement and alignment with industry needs. Vocational education is further promoted through hands-on workshops and the integration of these practical skills into mainstream education, fostering holistic student development. Value-based education is a cornerstone of the institution, emphasizing humanistic, ethical, and constitutional values through programs such as ethical hacking, machine learning, and Bioinformatics, preparing graduates to be technically proficient and ethically responsible professionals. Efforts to bridge the gap between industry and academia involve partnerships with industry veterans and artisans, enriching classroom learning with real-world insights and ensuring high-quality skill training. Flexible learning methods, including online, blended, and modular programs, make vocational education accessible to a broader student base, empowering learners to acquire valuable skills regardless of location or circumstances. Collaboration with the National Skill Development Corporation (NSDC) further streamlines processes like learner enrollment, skill mapping, and certification, aligning the institution with national standards and enhancing employability. Best practices include offering cutting-edge skills in areas like machine learning, cloud computing, AI, nanotechnology, and servo systems, ensuring graduates are prepared for a rapidly evolving job market. Regular updates to skill programs demonstrate the institution's agility in meeting industrial demands, aligning with the NEP's vision of a flexible and industry-relevant education system.

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

The institution actively integrates the Indian Knowledge System into its curriculum through various academic and cultural initiatives. Mandatory courses such as 22HS003 - Heritage of Tamils and 22HS006 - Tamils and Technology are offered in the I

and II semesters, taught bilingually in Tamil and English, while a Hindi elective is available in the second semester. For students interested in ancient Indian mathematics, a one-credit course on Vedic Mathematics is also provided. Cultural events, including Pongal Vizha, Navarathri celebrations, poetry recitals, and oratorical contests, are conducted by clubs like Muthazhamil Mandram and Makkal Sindhanai Peravai. Starting from the academic year 2024-2025, co-curricular and extracurricular activities promoting Indian Knowledge Systems will be integrated into the curriculum, featuring events organized by the Yoga and Music Clubs. Students can opt for SWAYAM NPTEL online courses on Indian Knowledge Systems, with departmental approval allowing a 12-week course to replace a 3-credit open elective. Efforts to preserve and promote Indian heritage include exploring Tamil grammar and literature through dedicated courses, offering Hindi electives, and showcasing traditional arts such as music, dance, painting, and crafts through expert-led sessions, exhibitions, and festivals. Events organized by clubs like Kani Tamil Peravai emphasize traditional values and practices. The institution's multilingual offerings align with NEP guidelines, fostering appreciation for India's diverse cultural heritage. These initiatives provide students with a comprehensive understanding of the Indian Knowledge System, equipping them with cultural awareness and a strong connection to India's rich traditions.

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

The institution has adopted comprehensive initiatives to transform its curriculum towards Outcome-Based Education (OBE), ensuring alignment with the evolving demands of the education landscape. Clear learning outcomes are meticulously defined, encompassing the institution's vision, mission, Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs), which collectively outline the knowledge, skills, and attitudes students must acquire. Curriculum redesign occurs through minor revisions every six months and major updates every four years, incorporating interdisciplinary approaches, real-world problem-solving, and emerging technologies. Faculty are trained in OBE principles through workshops, seminars, and orientation programs to enhance curriculum design, teaching, and assessment strategies. Stakeholder engagement is a critical aspect, with feedback from students, alumni, and industry partners informing curriculum improvements. Experiential learning is promoted through industry collaborations, partnerships, video lectures, and discussion forums. Technology integration, including Learning

Management Systems (LMS), ICT-equipped classrooms, Moodle-based assessments, e-portfolios, and video resources, ensures effective teaching and monitoring of student progress. BIT's teaching and learning practices effectively capture OBE through clearly defined POs, PSOs, and COs that guide student achievement. Classroom methodologies, such as problem-solving, projects, and case studies, are aligned with CO-PO mapping. Each session is structured with objectives, student discussions, and an online forum for query resolution. In alignment with NEP 2020, the institution integrates strong OBE practices, with industry collaboration facilitating internships, guest lectures, and industry-designed projects, supported by contributions from 484 industries in 2023-24. Holistic development is a priority, emphasizing foundational and advanced skills, critical thinking, teamwork, leadership, and life skills through technical events, self-learning initiatives, and social responsibility activities. Flexible learning opportunities include elective courses, internships, and NPTEL certifications, with pre-provided lesson plans and materials enabling proactive learning. Higher-order thinking is fostered through assessments based on revised Bloom's Taxonomy, alongside contests, lab tasks, and activities that develop advanced problem-solving abilities and creativity. These initiatives collectively enhance academic rigor, ensure NEP 2020 compliance, and prepare students for dynamic, industry-oriented careers.

20.Distance education/online education:

Bannari Amman Institute of Technology (BIT) emphasizes the development and use of technological tools to enhance teaching and learning, effectively integrating these tools into its pedagogical framework. Although vocational courses through ODL and distance education are not applicable, BIT has focused on leveraging technology to transform educational delivery. The institution employs a Learning Management System (LMS) utilizing platforms like BIT Wiki for centralized access to course materials, lecture videos, and discourse forums. The Discourse forum promotes collaborative learning, enabling faculty and students to engage in discussions, clarify doubts, and collaborate on projects. Bannari Amman Information Portal (BIP) serves as a comprehensive database for student activities, achievements, and project reports, while Moodle supports faculty in administering quizzes, exams, and assessments with immediate feedback. Cloud-based platforms like Google Drive facilitate seamless collaboration on projects, and tools like Zoom and Google Meet are used for online lectures and guest sessions.

Technological tools like ICT-enabled classrooms with whiteboards, projectors, and internet access enhance student engagement through real-time visualization. Specialized simulation software, including Matlab, Altair Flux, Proteus, and TIA PLC, provides hands-on experience, bridging the gap between theoretical and practical learning. Blended learning practices at BIT integrate traditional classroom teaching with online modules and lab sessions, ensuring a holistic educational experience. Interactive activities, quizzes, and personalized skill assessments through platforms like P-Skill further foster student engagement and tailored learning. By focusing on technology integration and blended learning, BIT demonstrates its commitment to enhancing teaching practices, preparing students for industry challenges, and ensuring their active participation in the learning process.

Extended Profile

1.Programme

1.1	25
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	7436
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	1839
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	7403
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	2337
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	416
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	394
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	1926
4.2 Total number of Classrooms and Seminar halls	167
4.3 Total number of computers on campus for academic purposes	3794
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	7661.2467

Part B**CURRICULAR ASPECTS**

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum and syllabi at BIT are developed following AICTE, UGC, NBA, NEP 2020, and Anna University guidelines. Stakeholder feedback ensures alignment with local, regional, national, and global developmental needs, guided by Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs).

Local and Regional Development Needs: Courses address local challenges, fostering real-world problem-solving in areas like smart agriculture, urban growth, and green energy. The "22HS010 - Socially Relevant Project" component encourages students to analyze local issues and propose solutions, including socioeconomic and heritage preservation efforts. Fieldwork in villages and activities like Ideathons and Hackathons address small-scale industry challenges. Courses like "Managing Family Business" and industrial visits further contribute to regional socio-economic growth.

National and Global Development Needs: The curriculum supports National missions like Startup India, Make in India, and Digital India through programs on Electric Vehicles, Green Energy, IoT, AI, Data Science, and Cybersecurity. Entrepreneurship initiatives enhance employability, while courses on renewable energy, climate change, and environmental science align with Global Sustainability Goals (SDGs). Co-curricular activities complement these objectives, fostering holistic student development.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.bitsathy.ac.in/regulations/

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

17

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

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

527

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

1.2 - Academic Flexibility

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

542

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

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

28

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

1.3 - Curriculum Enrichment

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

Bannari Amman Institute of Technology (BIT) excels in integrating cross-cutting issues into its curriculum, emphasizing Professional Ethics, Gender Sensitivity, Human Values, Environmental Responsibility, and Sustainability. Through courses like Human Values and Ethics, Nation-Building: Leadership and Social Responsibility, and socially relevant projects, BIT ensures students develop ethical principles, social responsibility, and leadership skills alongside technical expertise. This holistic approach fosters graduates who excel professionally while contributing meaningfully to society with integrity and empathy.

Environment and Sustainability: BIT demonstrates environmental stewardship through green initiatives such as rainwater harvesting, battery-operated vehicles, tree planting, biomass cooking, solar thermal water heating, and a 1.3 MWp rooftop solar power plant. Its curriculum addresses sustainability through courses like Environmental Science, Waste Management, Energy Conservation Management, Renewable Energy, and Green Chemistry.

BIT's commitment to ethical, social, and environmental education produces graduates who are not only skilled professionals but also socially conscious and environmentally responsible citizens, equipped to address modern challenges effectively.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year**86**

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**13501**

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

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**1786**

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/C1/1.4.1/1.4.1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/C1/1.4.1/1.4.1.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1864

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

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

1864

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

2.2 - Catering to Student Diversity

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

Student assessment is a comprehensive process involving periodic exams, practical cycle tests, communication assessment tests, continuous assessments, assignments, projects, and semester-end exam. Together, these components provide a holistic evaluation of both theoretical and practical knowledge.

Special Programs for Slow Learners:

- **Remedial Classes:** Conducted for all 1110 courses based on periodic exam results.
- **Problem-Solving and Revision Sessions:** Separate tutorial and revision classes for problematic courses enrich understanding.
- **Faculty Support and Motivation:** Individualized attention, constructive feedback, and encouragement sustain engagement.
- **English and Communication Training:** Weekly 2-hour sessions enhance language and communication skills.
- **Curriculum Flexibility:** Options to drop courses reduce workload and accommodate individual learning paces.

Measures for Advanced Learners:

- **Workshops, Seminars, and Conferences:** Explore advanced topics and cutting-edge research.
- **Research Projects:** Develop critical thinking through BIT-Centre for Research initiatives.
- **Internship Programs:** 807 students gain industry or research experience in specialized areas.
- **Online Courses:** 191 students substitute electives with SWAYAM-NPTEL courses for interdisciplinary growth.
- **Start-Up Club Guidance:** Mentorship fosters entrepreneurial skills and innovation.
- **Curriculum Flexibility:** Pursue advanced learning via 119 one-credit courses, 19 add courses, 73 honor, and 38 minor courses.

These initiatives create an inclusive environment catering to diverse student needs.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	7436	416

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

At BIT, our educational approach prioritizes experiential learning, participative learning, and problem-solving methodologies to develop students' higher-order thinking skills and prepare them for real-world challenges.

Experiential learning is a key component of courses with lab elements and is implemented through layer learning, internships, skill training, one-credit courses, and project work, comprising approximately 35-40% of the curriculum.

Participative learning is actively encouraged through skill training, practical classes, industry projects, internships, project contests, and collaborative project work, accounting for about 30-35% of course offerings.

Problem-solving methodologies are seamlessly integrated into the curriculum to equip students with the skills to address design, development, and analytical challenges. This approach is supported by tutorials, assignments, and innovative practices, with approximately 75% of courses emphasising problem-solving activities. These methods foster self-learning, group

collaboration, and critical thinking.

In the teaching-learning process, faculty employ tools such as animated videos, models, real-time examples, presentations, and activity-based experiments to enhance understanding. Course materials, including content, resources, and discussions, are uploaded to the BIT wiki page, providing students with continuous access to learning and reference. This comprehensive approach ensures a robust and dynamic educational experience.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.bitsathy.ac.in/regulations/

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

BIT leverages ICT-enabled tools and online platforms to enhance teaching and learning, fostering interactive and dynamic educational environments. All the classrooms are equipped with internet, projectors, and video-enabled Wi-Fi connectivity, facilitating modern instructional strategies that actively engage students. Faculty members incorporate NPTEL videos, custom animation videos, presentations, and curated course content to create immersive learning experiences.

The BIT Wiki page serves as a centralized repository for curriculum-related information, including course objectives, learning outcomes, lecture schedules, instructor details, and instructional materials. Beyond serving as an information hub, the platform fosters collaboration by enabling faculty and students to share resources, address queries, and engage in meaningful academic interactions.

A topic-wise discourse forum is created for all theory courses every semester. This integrated forum within the BIT Wiki enhances the learning experience by facilitating discussions on doubts, emerging technological trends, and contemporary developments. It promotes active engagement and collaborative learning, empowering the BIT community to exchange ideas and insights. Additionally, an average of 17 formative assessments per course is conducted on each semester using the Moodle platform.

These ICT-enabled tools and platforms empower students and faculty, cultivating an innovative and supportive academic environment that drives excellence and holistic development.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.bitsathy.ac.in/naac/agar/2023-2024/criteria-4-1-1/class-rooms/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

376

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

Academic-Calendar :

A committee involving the Principal, Head Academics and Controller of Examinations prepares the academic calendar which outlines all academic activities and events for the year. The Principal, Head Academics, Controller of Examinations, and department heads collaborate on its creation. The final version approved by the Principal is distributed to department heads, faculty, students and relevant coordinators via email before the start of every semester and uploaded to the institute website.

Teaching-Plan:

After subject allocation, faculty members prepare lesson plans for their courses and upload them to the BIT Wiki for student access. The syllabus is divided, with the first half covered for the first periodical test and the second half for the second periodical test. The Teaching-Learning process is monitored by the Principal,

Head Academics, Controller of Examinations, department heads, and faculty to ensure adherence to plans. Industry-specific courses are scheduled based on expert availability, and adjustments may be made for unforeseen events like holidays or natural disasters.

The BIT Wiki, modeled on Wikipedia, is an internal platform providing comprehensive details about academic and co-curricular activities. Its Academics and Curriculum tab allows students to access semester-wise courses, including lesson plans, videos, discussion questions, and lecture materials for B.E., B.Tech., and MBA programs before classes begin.

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

2.4 - Teacher Profile and Quality

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

416

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

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

184

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

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

teachers' total teaching experience in the current institution)**2727**

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****29.62**

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

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**89**

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

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

Student Database Maintenance: Tracking the academic performance of individual students, including semester-wise SGPA, CGPA, registered credits, earned credits, pending credits, number of history of arrears, number of standing arrears, semester-wise consolidated performance, and personal information.

Batch-wise Arrear Report: Easy access to batch-wise arrear reports for eligible students, reducing the need for manual analysis.

Malpractice Report: Details of malpractices are entered directly into the software along with the nature of punishment and maintained for access.

Anna University Provisional Data: Automatic preparation of Anna University provisional data for degree certificates of eligible students (regular and arrear).

Exporting Result: The software features exporting results, allowing viewing of internal marks, external marks, CO-wise marks, and assigned grades for individual students.

General and Degree Moderation: The software facilitates moderation of eligible candidates for general and degree moderation.

Seating Arrangement: The software generates seating allocations for students during semester-end examinations, along with attendance sheets by hall and department.

Valuation Role Mapping: Assigning roles during valuation of semester-end examinations to faculty members is made easier, with reallocation possible if required.

Duplicate Grade Sheets: Download option available for individual students when required.

Revaluation: The software automatically generates details of students eligible for third valuation after revaluation.

Internal Mark Protocol: Internal marks for arrear courses are automatically considered or nullified in accordance with regulatory guidelines.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/coecorner/

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution

are stated and displayed on the website and communicated to teachers and students

Bannari Amman Institute of Technology offers a four-year B.E./B.Tech. program and a two-year M.E./M.Tech. program. Both faculty and students are well-informed about the program outcomes (POs), program specific outcomes (PSOs), and course outcomes (COs) for the degrees offered. This information is readily accessible on the institution's website through the syllabus books.

The website serves as a comprehensive resource for students, faculty, and stakeholders, detailing the curriculum and syllabi for all programs. Complete information on POs, PSOs, and COs for each program is available for review.

The POs, PSOs, and COs are communicated to all faculty members and are discussed during Department Advisory Board meetings, Board of Study meetings and department meetings for the respective programs. Additionally, the Program Educational Objectives (PEOs), POs, and PSOs are prominently displayed in classrooms, laboratories, newsletters, the library, laboratory records, course files, and other significant locations throughout the institution.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.bitsathy.ac.in/programmes-offered/

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

The institution employs a well-structured evaluation system to assess the attainment of Programme Outcomes (POs) and Course Outcomes (COs), ensuring the effectiveness of its educational initiatives. COs are evaluated using a course-assessment pattern, with targets set by subject experts based on the past three years' course performance and prior semester results. These targets are verified and approved by the Department Advisory Board (DAB). CO attainment is calculated using students' scores in Continuous Internal Examinations (CIE) and Semester End Examinations (SEE) and audited through internal and external academic audits.

POs and Program-Specific Outcomes (PSOs) are assessed using direct

and indirect methods, contributing 80% and 20% of the weightage, respectively. Direct assessment uses COs, while indirect evaluation relies on surveys and Student Portfolios. Attainment targets for POs and PSOs are based on three years' performance data and reviewed by the DAB. Gap identification is done through graduating students and corrective measures are implemented for subsequent batches. Recommendations from the DAB guide further improvements to enhance POs and PSOs achievements yearly. This systematic approach ensures continuous refinement and alignment with targeted learning outcomes.

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

2.6.3 - Pass Percentage of students

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

1777

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.bitsathy.ac.in/coecorner/

2.7 - Student Satisfaction Survey

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

<https://www.bitsathy.ac.in/wp-content/uploads/SSS-2023-2024.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy

for promotion of research which is uploaded on the institutional website and implemented

The R&D policy available in the institute's website aims to foster an outstanding research environment by enhancing infrastructure and encouraging interdisciplinary collaboration among researchers. It focuses on disseminating findings through various platforms, securing external funding, and providing research training for faculty and students. Additionally, it seeks to engage with the community, industry, and stakeholders to address real-world challenges and facilitate knowledge transfer.

Our institute fosters a dynamic research environment guided by a regularly updated R&D policy. Key initiatives include funding for faculty and student pilot projects, financial support for presenting papers at national and international forums, and a management incentive of 2.5% for sponsored research. Additionally, the institute offers a 60%-70% share in consultancy revenues and actively supports Ph.D. holders in pursuing postdoctoral research abroad, enhancing their global research exposure.

File Description	Documents
Upload the Minutes of the Governing Council/Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.bitsathy.ac.in/wp-content/uploads/RD-Policy.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

100.44

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

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

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

289.45

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

11

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

3.2.3 - Number of teachers recognised as research guides

94

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

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

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

The institution has established a comprehensive ecosystem which focuses innovation and facilitates. This is achieved through the dedicated Center For Research - Research Park (CFR-RP). The CFR-RP provides robust support for pioneering projects, publication, interdisciplinary collaboration, and the development of cutting-edge technologies. CFR-RP serves as hubs for promoting a culture

of innovation and transfer of knowledge that aligns with the institution's commitment to driving progress and addressing global challenges.

BIT has established a professional hub and robust ecosystem fostering entrepreneurship and innovation, strengthened by its Technology Business Incubator (TBI). The TBI, IIC, EDC, and Start-up cell at BIT provide a comprehensive platform for nurturing startups and fostering innovation, offering state-of-the-art infrastructure, funding opportunities, and mentorship from industry experts. Its state-of-the-art incubation facilities and the Product Innovation Centre actively support aspiring entrepreneurs in developing scalable solutions to global challenges. BIT's interdisciplinary approach integrates advanced research, mentorship programs, and industry collaborations, empowering students and faculty to transform ideas into impactful ventures.

BIT offers a vibrant campus life, enriched by a diverse range of student organizations and societies. BIT boasts over 20 student clubs and societies, catering to a wide spectrum of interests. These groups provide a platform for students to explore their passions, from arts and culture to technology and social service. These groups also provide opportunities for students to engage in various activities, develop leadership skills, and connect with like-minded peers.

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

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

310

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

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

3.4.2.1 - Number of PhD students registered during the year

47

File Description	Documents
URL to the research page on HEI website	https://www.bitsathy.ac.in/research-centers/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

1.11

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

0.14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/wp-content/uploads/naac/agar/2023-2024/C3/3.4.4/3.4.4.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

998

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

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

3.4.6.1 - h-index of Scopus during the year

14

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

3.5 - Consultancy

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

54.503

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

62.096

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

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

Bannari Amman Institute of Technology (BIT) integrates Indian Knowledge Systems (IKS) principles of community service and environmental stewardship through its diverse student initiatives. The National Service Scheme (NSS) and Unnat Bharat Abhiyan (UBA) actively engage students in projects aligned with national

priorities. Reflecting the IKS emphasis on holistic well-being, these include promoting sanitation under the Swachh Bharat Mission Gramin (SBM-G), contributing to a cleaner India, and addressing menstrual hygiene through practical solutions like napkin incinerators.

Further embodying IKS's focus on harmonious living with nature, BIT promotes environmental sustainability through sapling plantation and effective waste management. This aligns with the Clean Campus initiative, creating a healthy learning environment. Moreover, digital literacy training programs empower communities, reflecting the IKS tradition of knowledge dissemination. The NCC cultivates discipline and leadership, while the Women Development Cell empowers female students, fostering inclusive growth. These activities not only benefit society but also nurture students' personal development, rooted in the values of IKS.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/clubs-societies/

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

453

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

59

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

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

5516

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

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

880

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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

38

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

BIT has a land area of 180.88 acres with a built-up area of 2,77,299 sq.m. ICT is enabled in 122 UG-classrooms (12,713 sq.m), 15 PG-classrooms (967 sq.m), Drawing-halls (927 sq.m) and Seminar-halls (3385 sq.m). BIT is equipped with 127 laboratories and has UG-laboratory (42,010 sq.m), PG-laboratory (1,100 sq.m), Computer Centre (1184 sq.m), Computation Analytical laboratory (3186 sq.m), Workshop (799 sq.m), Physics laboratory (875 sq.m) and Chemistry-laboratory (875 sq.m). In addition to the primary laboratories, there are 54 Special and Applied laboratories covering 1,273 sq.m, along with 13 Industry Sponsored laboratories. BIT is well-equipped with 4,445 computers, 197 printers and scanners, operating on a network bandwidth of 2.25 Gbps with 686 Wi-Fi access points. The campus includes a central library spanning 8235 sq.m and comprising five stories, capable of accommodating 911 students simultaneously. The library houses an extensive collection of educational resources, including 96,922 volumes and 28129 titles. It also provides access to 76 International journals, 205 National journals, 35 technical magazines, and 67 general magazines. Additionally, a digital library facility is available for students. Administrative and support facilities include the Principal's Office (1,154 sq.m), HoD's Cabin (169 sq.m), Faculty Rooms (276 sq.m), Controller of Examination Office (761 sq.m), and Hostel facilities covering 71,593 sq.m. Other key spaces on the campus include the Training-Placement Office (600 sq.m), Technology-Business-Incubator (1,300 sq.m), Language-Laboratory (400 sq.m), and a Community Radio station (120 sq.m). This comprehensive infrastructure supports the diverse academic and research activities at BIT.

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

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

A Vibrant Campus: Fostering Holistic Development

The institution offers a diverse range of facilities to cater to students' cultural, physical, and recreational needs.

Cultural Activities:

- **A Tapestry of Traditions:** Over 25 cultural clubs celebrate diverse traditions and National festivals, providing a platform for students to express themselves artistically and culturally.
- **Yoga and Wellness:** Dedicated yoga halls and expert trainers promote physical and mental well-being.

Sports and Fitness:

- **State-of-the-Art Facilities:** A sprawling 16.33 acre sports complex houses a 400 m athletic track, multiple outdoor courts for football, cricket, silambam, boxing, handball, ball badminton, volleyball, and synthetic tennis and basketball courts.
- **Indoor Recreation:** Indoor facilities include table tennis, snooker, carrom, and badminton. In 2023, a modern indoor badminton facility with four wooden courts was added.
- **Hostel Amenities:** Both boys' and girls' hostels offer dedicated recreational areas, including gyms, playgrounds, and sports courts.
- **Wellness and Fitness:** Well-equipped gyms in both hostels promote a healthy lifestyle and physical fitness.

Community Spaces:

- **Spacious Auditoriums:** Two air-conditioned auditoriums with seating capacities of 700 and 1800 respectively, provide venues for cultural events, seminars, and workshops.

Convenient Transportation:

- **Efficient Campus Commute:** A fleet of 27 buses, 16 cars and 12 battery operated vehicles ensures convenient transportation for students and staff.

By providing a comprehensive range of facilities, the institution strives to create a vibrant and dynamic campus life, fostering holistic development and a strong sense of community among students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/sports-facilities/

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

167

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

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

4820.4336

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

4.2 - Library as a Learning Resource

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

BIT Library utilizes Koha, an open-source Library Management Software. Koha serves as an Integrated Library Management System (ILMS) offering a range of features like searching, check-out, check-in, renewing books, and suggesting new items.

The system employs a state-of-the-art Radio Frequency Identification (RFID) Library Management System to streamline

transactions and safeguard resources. Access to the library is controlled via an RFID-based gate, requiring users to present smart cards for entry. Self-service kiosks equipped with touch screen technology empower patrons to independently check out library materials. Automated drop box allows for 24/7 book returns and sends email alerts upon receiving items. Additionally, the library's web OPAC, featuring 15 Nos. of touch screen computers on-site and accessible remotely from any internet-enabled device, facilitates seamless access to library resources.

BIT library subscribes to a variety of online journals and e-resources, including IEEE, ASME, ASCE, Springer, Science Direct, McGraw-Hill Access Engineering, ProQuest and Scopus, a citation database. Access to these resources is facilitated through Internet Protocol (IP) based authentication within the campus. Further, BIT provides remote access through the "Knimbus" platform. This approach ensures that patrons can efficiently utilize these valuable resources both within the library and from any location, promoting continuous learning and research excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/learning-centre/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
**e-journals e-ShodhSindhu Shodhganga
 Membership e-books Databases Remote
 access to e-resources**

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

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

37.76

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1200

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

4.3 - IT Infrastructure

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

BIT provides campus-wide Wi-Fi facilities with 1396 access points at the cost of 336.97 Lakhs from 2014 to 2024, private cloud infrastructure built on top of open stack platform and Indigenously developed Campus Stack e-governance ERP (CAMPS) software for campus management is implemented and constantly updated. Facilities are backed by the in-house data center of BIT with 2.25 Gbps Leased Line Internet Connection. The networking infrastructure is supported by end to end fiber optic backbone, Gigabit optic modules and cables (10 Kms), enterprise class switches, routers. Security of the systems are managed by firewalls Sophos XG-750 model were installed for a worth of 50.74 Lakhs. Currently maintained by TACITINE-EN6200-EDU firewall worth 42.48 Lakhs to protect the systems. Additionally, 1484 CCTV cameras are installed from 2016 to 2024 at the cost of 90.71 Lakhs and handled through backbone networks to ensure the safety and security of students. The video data captured is managed through Network Video Recorders (NVR).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/wp-content/uploads/naac/agar/2023-2024/C4/4.3.1/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7436	3794

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development:

A. All four of the above

Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bitsathy.ac.in/naac/agar/2023-2024/criteria-4-3-4/media-centre-photos/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

2840.8129

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The maintenance team provides a wide range of services that encompass the management, maintenance, repair, and remodeling of infrastructure facilities on the campus.

The assigned responsibilities encompass a comprehensive approach to maintaining the campus environment. This includes the development and regulation of cleaning and waste disposal policies, ensuring a high standard of hygiene. Additionally, the role involves overseeing repair works and Annual Maintenance for both Academic and Non-Academic areas, and taking initiative for maintaining the infrastructure.

Efficient management of campus resources is crucial, and this is achieved by monitoring and controlling these resources through the operation of an effective security system. Furthermore, there is a focus on initiating and monitoring Laboratory Maintenance activities, ensuring the optimal functioning of these crucial facilities. They ensure the efficient management of electrical power, water resources, solid waste, and wastewater within the institute through (i) preventive maintenance, (ii) break-down maintenance, (iii) predictive maintenance, and (iv) disaster prevention schedules for various equipment/facilities.

In-charges of the Essential Services maintain stock registers and update them as and when the items are used for carrying out maintenance activities. In-charges of Essential Services have the consumption pattern for initiating purchase activities and they prepare an annual budget plan every year.

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 benefitted by scholarships and freeships provided by the Government during the year

168

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

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

203

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

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

File Description	Documents
Link to Institutional website	https://www.bitsathy.ac.in/capability-enhancement-schemes/
Details of capability development and schemes	View File
Any additional information	View File

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

1202

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1202

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

5.2.2 - Number of outgoing students progressing to higher education

86

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

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

33

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

5.3 - Student Participation and Activities

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

34

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

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

Student power plays a vital role in shaping campus life, extending far beyond the classroom. Various avenues exist for students to actively participate in the governance and development of their institution. Department associations, formed by elected student representatives, organize enriching events like guest lectures and technical symposiums, fostering academic engagement and a deeper understanding of their respective fields.

Students also contribute significantly to academic governance by participating in committees such as Course Committees. This involvement allows them to suggest improvements to academic programs and ensures their voices are heard in shaping the curriculum. Their influence extends to administrative matters as well. Students serve on committees like the TBI alumni, Library Committee, and Hostel Committee, providing valuable feedback on daily operations and contributing to the overall improvement of campus facilities and resources.

Furthermore, student involvement is crucial for maintaining a safe and inclusive environment. The Anti-Ragging Committee actively tackles harassment, while the Internal Complaints Committee addresses gender-related issues, promoting a respectful atmosphere for all. The SC-ST Cell plays a vital role in keeping students from marginalized backgrounds informed of their rights and available opportunities, further contributing to a diverse and equitable campus community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/non-statutory-bodies/

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

42

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

5.4 - Alumni Engagement

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

Alumni Association was registered as "ALUMNI ASSOCIATION - BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALAM" on 11th May 2015 at the Registrar's Office, Gobichettipalayam. The association has started 15 chapters at various cities nationally (Mumbai, Hyderabad, Bangalore, Chennai) and internationally (UK, Germany, Singapore, and UAE) with office bearers and Executive Committee members to drive the Chapter.

The Parent Chapter Conducts Executive Committee meetings, and Annual General Body meetings to review and renew the association. The Association has a separate alumni website, Google Group, and WhatsApp group for sharing college newsletters, Alumni newsletters, magazines, and job opportunities posted by alumni members, Alumni Events, and other events at BIT. Alumni Database updation, Alumni Newsletter preparation, and circulation, Preparing and issuing alumni ID cards, conducting alumni meetings, Chapter formation, and inauguration are some of the activities of the association.

Alumni members extend their support to the Institution through (i) permitting the students to visit their industry, (ii) offering Internships to our students, (iii) placement, (iv) curriculum development (Member in BoS), (v) Training the students for placement, (vi) Interaction with the students regarding placements and Higher studies in abroad and (vii) Delivering the Guest lectures, Seminars, One credit courses in the current topics to bridge the gap between Industry and Institute. The association also extends its support through scholarships to financially deprived students for their studies and medical expenses for the members of alumni who are below the poverty line.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bitsathy.ac.in/alumni/

5.4.2 - Alumni's financial contribution during the year E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the institution is characterized by effective leadership that aligns with its vision and mission. The institution is committed to fostering a learner-centric environment, promoting holistic education, and cultivating a culture of innovation. Leadership plays a pivotal role in formulating policies and strategies that support academic excellence, interdisciplinary learning, and industry collaboration.

Strategic initiatives such as curriculum revisions, interdisciplinary projects, and the introduction of open electives and honor/minor degree programs reflect the leadership's forward-thinking approach. The establishment of special labs, research centers, and skill development programs ensures that students are equipped with both theoretical and practical knowledge, aligning with the institution's mission to create globally competent professionals.

The governance structure promotes inclusivity by encouraging participation from various stakeholders, including faculty, students, and industry experts, in decision-making processes. Regular feedback and performance evaluations ensure continuous improvement in academic and administrative functions. Through a clear commitment to quality education, the leadership maintains transparency, accountability, and a focus on achieving the

institution's long-term goals, thereby demonstrating governance that is both visionary and responsive to the needs of the academic community.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/vision-mission/

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

Effective leadership at the institution is evident in its practices of decentralization and participative management, which align with its vision and mission to foster a learner-centric environment and promote holistic education. Leadership empowers various stakeholders, including faculty, students, and industry experts, by involving them in decision-making processes. This inclusive approach ensures that policies and strategies reflect diverse perspectives and remain responsive to the evolving needs of the academic community.

Decentralization is exemplified through the delegation of responsibilities to departments, committees, and individual leaders, enabling efficient execution of academic and administrative tasks. Participative management is encouraged through structured mechanisms for regular feedback, collaborative curriculum design, and interdisciplinary projects. These practices nurture a culture of innovation and accountability while fostering leadership skills among faculty and staff.

Strategic initiatives such as curriculum revisions, open electives, and skill development programs highlight the leadership's forward-thinking approach. By establishing special labs, research centers, and honor/minor degree programs, the institution equips students with both theoretical knowledge and practical expertise with specialized skills. Transparent governance, regular performance evaluations, and an unwavering commitment to quality education underscore the leadership's ability to drive continuous improvement. This participatory and decentralized governance model reflects leadership that is both visionary and adaptive, ensuring institutional excellence.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bitsathy.ac.in/non-statutory-bodies/

6.2 - Strategy Development and Deployment

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

The Internal Quality Assurance Cell (IQAC) plays a pivotal role in the institutional Strategic/Perspective Plan for 2020-2025 by acting as a driving force behind its articulation, implementation, and monitoring.

- **Articulation and Implementation:** IQAC spearheaded the formulation of the strategic plan, ensuring it aligns with the institution's mission and vision. It played a crucial role in prioritizing key areas such as curriculum innovation, interdisciplinary learning, infrastructure development, and fostering research and industry collaboration.
- **Curriculum and Learning Initiatives:** The introduction of open electives, one-credit courses, and interdisciplinary final-year projects to encourage multi-disciplinary learning reflects IQAC's focus on enhancing academic and skill-oriented opportunities.
- **Skill Development and Research Promotion:** By establishing special labs and introducing honor and minor degree programs, IQAC enables students to specialize in multiple domains, fostering a culture of innovation. It also facilitates partnerships with industry and the integration of technology via platforms like NPTEL, promoting research and global competitiveness.
- **Monitoring and Feedback:** IQAC ensures the effective implementation of the plan through regular reviews and feedback from stakeholders, maintaining a focus on continuous improvement and alignment with academic excellence.
- **Outcome Evaluation:** The success of IQAC's initiatives is evident in the institution's student-centric approach,

emphasis on innovation, and production of industry-ready graduates equipped with multidisciplinary skills.

IQAC not only shapes the strategic vision but also ensures its dynamic execution, cementing the institution's leadership in education and skill development.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.bitsathy.ac.in/naac/#strategic-plan
Upload any additional information	View File

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

The administration of BIT operates under the stewardship of a philanthropic trust, supported by the Governing Council and the Academic Council. The Management Team, comprising the Trustee, Principal, and Dean, oversees the institution's daily operations, assisted by the Administrative Committee, which includes experienced faculty members. Statutory Bodies are constituted, and meetings are conducted in accordance with the guidelines set by AICTE, UGC, MHRD, the State Government, and Anna University. To enhance the operational framework, Non-statutory Bodies are also established by the Management to supplement the functions of the Statutory Bodies.

Academic operations are efficiently managed by the Head-Academics, the Controller of Examinations, and the Heads of individual departments. Department Heads oversee both staff and student matters, ensuring smooth dissemination of academic programs. The Controller of Examinations has compiled a comprehensive booklet detailing all rules and regulations related to the evaluation system, ensuring clarity and consistency.

The Management actively promotes faculty involvement in various institutional committees to nurture leadership skills and enhance professional capabilities. Grievance redressal committees for both staff and students have been established to address concerns promptly, fostering a supportive and inclusive institutional environment. This structured and collaborative administrative

approach underscores BIT's commitment to operational excellence and community well-being.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.bitsathy.ac.in/wp-content/uploads/Organogram-BIT.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/approvals-circulars/

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The institution demonstrates a strong commitment to the welfare and professional growth of its teaching and non-teaching staff through a range of thoughtfully designed initiatives. Fully furnished, rent-free residential quarters are provided to staff members, along with comprehensive group insurance coverage. Faculty members engaging in funded projects receive a 2.5% incentive on the sanctioned amount, while consultancy projects offer a generous revenue-sharing model, allocating 60-70% to the contributing faculty.

Financial security is further bolstered through contributions to the PPF, EPF, and Gratuity Scheme. Acknowledging dedication and

loyalty, the institution grants long-service allowances to staff members who complete ten years of service. To support academic and professional activities, transport facilities are provided for industry consultancy engagements. Female staff benefit from maternity leave and have access to an on-campus, complimentary daycare center for their children.

Faculty Recreation Club activities provide a platform for networking, relaxation, and collaboration beyond the workplace, strengthening camaraderie among staff. Similarly, yoga sessions promote physical health and mental well-being, reducing stress and improving focus, which ultimately contributes to better teaching outcomes and institutional success.

The institution extends its care to the families of its staff by offering priority admission for their children in both college programs and affiliated schools (State Board and CBSE). In addition, round-the-clock medical facilities along with ambulance services are available on campus, underscoring the institution's commitment to the health, safety, and overall well-being of its community.

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

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

18

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

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

36

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

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

483

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Yes, Financial audits are conducted regularly by experienced chartered accountants to carry out both internal and external audits. Internal audits are performed twice a year, while the external audit is conducted once at the end of the financial year. The audit team thoroughly examines all documents related to financial transactions for the relevant financial year, including bills for purchased items, payment vouchers, comparative statements of quotations, records of online payments and their corresponding cheques, TDS, salaries and wages expenditure, fee and scholarship records, and other incurred expenses. Any discrepancies identified during the audit are reported to the Principal and Management and are addressed immediately.

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

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

0

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

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

Fund mobilization at the institute is carried out through student fee collection and sponsorships from the Bannari Amman Educational Trust for infrastructure development and co-curricular activities. The institution follows a clearly defined procedure to ensure the effective and efficient use of available resources for both infrastructure development and the teaching-learning process. All major financial transactions are overseen by the Finance Committee. The institution also has a well-established policy for managing its financial resources.

Before the start of each financial year, budgets are prepared by various departments and sections in the prescribed format, as directed by the Principal. The budget for each department is formulated by the various Heads of Departments (HoDs) in consultation with laboratory in-charges and relevant faculty members by considering the factors such as the need to replace outdated equipment, new requirements due to changes in the curriculum, the necessity for designing new experiments, faculty training, students skill enhancement, maintenance of physical and academic facilities, placement activities, entrepreneurship activities, students start-up, outreach activities, general amenities for students, subscription for e-journals and books . The final consolidation of the budget is carried out in consultation with HoDs and in-charges, who provide justification for each budget item. Once it is finalized, the budget is forwarded to the Finance Committee and Management for further approval

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institutional Advisory Board (IAB):

- Established to provide strategic guidance with key stakeholders, including academic, administrative, and external representatives.

Academics:

- BIT-Wiki: Internal knowledge base for academic and co-curricular activities.
- Moodle: Formative assessments are conducted through Moodle software, helping students track and improve their learning progress.
- Discourse Forum: Open-source platform for discussions among students and faculty.
- Student Feedback: Collected for each course, leading to targeted improvements.
- Academic Audit: Regular assessments to enhance curriculum and teaching quality.
- One-Credit Courses: Centralized delivery for consistent quality across programs.
- Appellate Committee: Addresses student grievances related to answer script revaluation.

Infrastructure:

- Asset Entry Software: Monitors and maintains asset data, including location and utilization.
- Internal Audits: Ensures optimal resource utilization and system functionality.
- QR-Code Feedback: Allows users to provide real-time

feedback, with follow-up actions by the support desk.

Others:

- Revision of FAP: Enhances quality in research and development activities.
- Special Lab: Provides industry-related laboratory facilities for students.
- Advanced BIT-Gurugulam: Equips engineers with essential skills for career success.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bitsathy.ac.in/naac/

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

The Internal Quality Assurance Cell (IQAC) plays a crucial role in fostering continuous improvement by systematically reviewing the teaching-learning process, operational structures, methodologies, and learning outcomes. A total of 1,110 courses are audited as part of these evaluations, which are conducted every semester through Internal Academic Audit-I, Internal Academic Audit-II, and External Academic Audit.

Internal Academic Audit-I and II involve nearly 50 internal auditors who play a vital role in conducting these audits. Serving as self-assessment tools, these audits enable the institution to evaluate academic practices, teaching methods, curriculum design, and student outcomes. Conducted by internal faculty and staff, the process helps identify strengths, weaknesses, and opportunities for improvement. The findings are meticulously documented and culminate in an Action Taken Report that outlines corrective measures.

The External Academic Audit involves 24 external experts from reputed institutions serving as auditors for ODD and EVEN semester courses. These audits evaluate academic programs, governance, faculty qualifications, and student performance. Based on the findings, recommendations for quality enhancement are provided. The institution responds with an Action Taken Report detailing the steps implemented to address the recommendations. Together, these

audits contribute significantly to driving the institution toward achieving excellence in education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/naac/

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.bitsathy.ac.in/naac/#iqac-annual-reports
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Measures Initiated for Gender Equity:

Safety and Security:

- **24/7 Vigilance:** Round-the-clock security patrols, women security guards, and advanced surveillance systems ensure a safe campus environment.

- **Secure Facilities:** Biometric access control and well-lit common areas enhance security.
- **Dedicated Spaces:** Gender-specific common rooms provide safe and comfortable spaces for students and faculty.
- **Support desk:** A dedicated support desk team provides assistance and guidance to students and faculty on safety and security matters.

Support and Well-being:

- **Mentorship and Counseling:** A dedicated mentorship program offers academic and personal guidance. Professional counseling services are available for specific needs.
- **Health and Wellness:** 24/7 access to a health center, pharmacy, and ambulance ensures prompt medical attention.
- **Family-Friendly Initiatives:** The daycare center caters to working parents, providing a safe and stimulating environment for young children.
- **Hygiene and Convenience:** Ladies' hostels are equipped with napkin vending machines and incineration facilities.

Empowerment and Advocacy:

- **Dedicated Committees:** The Anti-Ragging Committee, Anti-Sexual Harassment Committee, and Women Development Cell actively work to promote gender equity and address concerns.
- **Empowerment Programs:** Initiatives are undertaken to empower women, such as skill development workshops and leadership training.

By implementing these measures, the institution aims to create a safe, inclusive, and empowering environment for all students, especially women.

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

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

A. Any 4 or All of the above

power-efficient equipment

File Description	Documents
Geotagged 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 a maximum of 200 words)

Solid waste management

- **Degradable:** Food Waste from non-academic areas like Cafeteria, Hostels & Quarters and Night soil from various points are collected and given to Anaerobic digester for the generation of Biogas. Generated Biogas is supplied to engines for the production of electricity.
- **Non degradable:** Non degradable items are sorted and sold to external agencies

Liquid waste management

- The Sewage Treatment Plant (STP), with a capacity of 20,00,000 L/day, is employed to treat the wastewater collected from both the hostels and the college. The treated water is subsequently utilized for gardening purposes.
- The Biogas plant generates 1000 kW/day by utilizing the liquid wastes and employs this generated energy to power the electrical motors installed at the STP.

Biomedical waste management

- Sanitary napkins and other biomedical wastes are incinerated. Microbe culture dishes are sterilized before disposal.
- BIT's health center is equipped with a needle destroyer to get rid of used needles.

E-waste management

- The Test and Repair Centre collects the e-waste once in every year and outsources the waste components to external agencies.

Hazardous chemicals

- **Hazardous chemicals are sorted and labeled, they are handled very carefully. Microbe culture dishes are sterilized before disposal.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **A. Any 4 or all of the above**

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

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

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

C. Any 2 of the above

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,

A. Any 4 or all of the above

reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

BIT fosters a vibrant campus life that celebrates cultural heritage and promotes women's empowerment alongside academic excellence.

Women's Empowerment: International Women's Day (March 8th) is marked by inspiring interactions with successful women entrepreneurs, providing valuable insights and mentorship for students. BIT also recognizes the contributions of local school principals dedicated to educational advancement in the Erode district.

Cultural Celebrations: The "Pongal Vizha," organized by the Muthamizhl Mandram in January, immerses the community in Tamil traditions. Traditional games like "kabaddi," "achu pidungthal," "Sarukkumaram," and "paanai udaithal" foster a strong connection to cultural roots through engaging and fun activities. Navarathri is celebrated by the Women Development Cell with a "Kolu" exhibition, a nine-day display of divine representations. Competitions for students and faculty families culminate in a special pooja for student well-being.

Beyond Academics: Vibrant clubs and societies provide platforms for socio-economic and cultural engagement. Debates, poetry, dance, and music performances enrich the campus experience, fostering creativity and self-expression.

BIT provides a holistic educational experience, seamlessly integrating academic pursuits with cultural richness and a

commitment to women's empowerment, creating well-rounded individuals prepared for success.

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

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

BIT cultivates responsible citizens through a multifaceted approach, emphasizing constitutional awareness, value-based education, and active engagement.

Constitutional Awareness: Students gain a deep understanding of their rights and responsibilities through workshops and lectures by distinguished experts on the Indian Constitution. These sessions delve into the fundamental principles enshrined in the Constitution, empowering students to become informed and engaged citizens.

Value-Based Education: Core courses in professional ethics and human values, complemented by ethics-focused debates and presentations, instill strong moral principles in students. These courses explore ethical dilemmas, encourage critical thinking, and foster a sense of integrity and social responsibility.

Active Engagement: BIT actively promotes social responsibility through campaigns and discussions addressing critical issues like environmental protection, cleanliness initiatives (Swachh Bharat), and sustainable waste management. Students are encouraged to participate in these initiatives, contributing to positive change in their communities.

Cultural Diversity: Cultural events celebrating diverse traditions and customs foster respect and connect students to their heritage. These events provide opportunities for students to learn about different cultures, appreciate their unique values, and develop intercultural competence.

This holistic approach, within a safe and supportive learning environment, prepares students for both successful careers and fulfilling personal lives, shaping them into well-rounded,

responsible members of society.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

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

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

BIT actively commemorates significant National and International days, fostering a sense of history, culture, and social responsibility.

Language & Culture: BIT observes World Language Day (February 21st), honoring the sacrifices made for the recognition of Bengali as a national language. This day also serves as a reminder of the importance of mother languages globally. Leading up to this, the Muthamil Vizha (February 15th-21st, 2024) promotes Tamil language

and culture through various competitions. Bharathi Vizha, celebrating the birth anniversary of poet Subramania Bharathi, was held on December 9th, 2023, featuring poetry, song, and other artistic competitions.

Safety & Awareness: BIT observes National Safety Day (coinciding with the Muthamil Vizha) with flag hoisting, pledges, safety quizzes, poster competitions, essays, and guest lectures, emphasizing the importance of safety awareness.

Other Commemorations: International Women's Day was celebrated by the Women Development Cell (WDC) on March 8th, 2024. National Mathematics Day, commemorating Srinivasa Ramanujan's birth anniversary, is observed annually by the Math Club on December 22nd. The GEO club celebrated World Environment Day on June 5th, 2023.

These observances demonstrate BIT's commitment to promoting cultural heritage, social awareness, and academic enrichment through diverse events and activities.

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

7.2 - Best Practices

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

Advanced Gurugulam Skill Training Program

Objectives:

The objectives are to develop advanced skills in Servo motion control, embedded systems, and networking, fostering practical, industry-ready expertise.

The Context:

In order to fill skill gaps and prepare engineers for demanding, technical problem-solving positions, this program offers practical training in automation, embedded systems, and IT infrastructure.

The Practice:

Advanced Skill Training covers a wide range of topics, including safety protocols, troubleshooting techniques, system design processes, documentation, and hands-on use of specialized tools. It aims to equip students with a comprehensive understanding of industry-grade practices, empowering them to apply these advanced skills in real-world scenarios while adhering to industry standards.

Evidence of Success:

The success includes placement readiness, meeting industry-specific skill benchmarks in embedded system design, servo motion control, and IT infrastructure. Results show students are industry-ready, demonstrating strong entrepreneurial capabilities and high standards in projects, contributing to overall program excellence.

Problems Encountered and Resources Required:

Students undergoing advanced skills training should demonstrate enhanced problem-solving abilities across various laboratory domains, fostering greater confidence, teamwork, and alignment with industry standards to enhance career opportunities and professional growth.

Notes:

The assessment process of skills obtained through Advanced Gurugulam training involves three key processes:

- Individual Daily Task Evaluation
- Students' consolidated A3 Report - At the end of the training
- Standard / Technical A3 Report - During the assessment

File Description	Documents
Best practices in the Institutional website	https://www.bitsathy.ac.in/naac/#best-practices
Any other relevant information	https://www.bitsathy.ac.in/wp-content/uploads/naac/agar/2023-2024/C7/7.2.pdf

7.3 - Institutional Distinctiveness

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

The Bannari Amman Institute of Technology (BIT) has established itself as a leader in outcome-based education, focusing on practical skill development. The institution has developed 54 advanced laboratories that are accessible 24/7, enabling students to engage in hands-on training and experimentation aligned with the 5P model: practice, participate, produce, publish, and provide consultancy. This approach not only equips students with cutting-edge skills relevant to modern technological demands but also encourages their involvement in national and international competitions, patent filings, and real-world problem-solving initiatives?.

In supporting student professional development, BIT offers full sponsorship for component purchases, continuous mentorship from faculty, and opportunities for industrial consultancy. These initiatives foster innovation and entrepreneurship, transforming student ideas into commercially viable products. The dedication of faculty members in these laboratories further amplifies student achievements across various domains, reflecting the institution's commitment to excellence in education.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum and syllabi at BIT are developed following AICTE, UGC, NBA, NEP 2020, and Anna University guidelines. Stakeholder feedback ensures alignment with local, regional, national, and global developmental needs, guided by Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs).

Local and Regional Development Needs: Courses address local challenges, fostering real-world problem-solving in areas like smart agriculture, urban growth, and green energy. The "22HS010 - Socially Relevant Project" component encourages students to analyze local issues and propose solutions, including socioeconomic and heritage preservation efforts. Fieldwork in villages and activities like Ideathons and Hackathons address small-scale industry challenges. Courses like "Managing Family Business" and industrial visits further contribute to regional socio-economic growth.

National and Global Development Needs: The curriculum supports National missions like Startup India, Make in India, and Digital India through programs on Electric Vehicles, Green Energy, IoT, AI, Data Science, and Cybersecurity. Entrepreneurship initiatives enhance employability, while courses on renewable energy, climate change, and environmental science align with Global Sustainability Goals (SDGs). Co-curricular activities complement these objectives, fostering holistic student development.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.bitsathy.ac.in/regulations/

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

17

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

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

527

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

1.2 - Academic Flexibility

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

542

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

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

28

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

1.3 - Curriculum Enrichment

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

Bannari Amman Institute of Technology (BIT) excels in integrating cross-cutting issues into its curriculum, emphasizing Professional Ethics, Gender Sensitivity, Human Values, Environmental Responsibility, and Sustainability. Through courses like Human Values and Ethics, Nation-Building: Leadership and Social Responsibility, and socially relevant projects, BIT ensures students develop ethical principles, social responsibility, and leadership skills alongside technical expertise. This holistic approach fosters graduates who excel professionally while contributing meaningfully to society with integrity and empathy.

Environment and Sustainability: BIT demonstrates environmental stewardship through green initiatives such as rainwater harvesting, battery-operated vehicles, tree planting, biomass cooking, solar thermal water heating, and a 1.3 MWp rooftop solar power plant. Its curriculum addresses sustainability through courses like Environmental Science, Waste Management, Energy Conservation Management, Renewable Energy, and Green Chemistry.

BIT's commitment to ethical, social, and environmental education produces graduates who are not only skilled professionals but also socially conscious and environmentally responsible citizens, equipped to address modern challenges effectively.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

86

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

13501

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

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

1786

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

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
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File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/C1/1.4.1/1.4.1.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken
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File Description	Documents
Provide URL for stakeholders' feedback report	https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/C1/1.4.1/1.4.1.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1864

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

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

1864

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

2.2 - Catering to Student Diversity

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

Student assessment is a comprehensive process involving periodic exams, practical cycle tests, communication assessment tests, continuous assessments, assignments, projects, and semester-end exam. Together, these components provide a holistic evaluation of both theoretical and practical knowledge.

Special Programs for Slow Learners:

- Remedial Classes: Conducted for all 1110 courses based on periodic exam results.
- Problem-Solving and Revision Sessions: Separate tutorial and revision classes for problematic courses enrich understanding.
- Faculty Support and Motivation: Individualized attention, constructive feedback, and encouragement sustain engagement.
- English and Communication Training: Weekly 2-hour sessions enhance language and communication skills.
- Curriculum Flexibility: Options to drop courses reduce workload and accommodate individual learning paces.

Measures for Advanced Learners:

- Workshops, Seminars, and Conferences: Explore advanced topics and cutting-edge research.
- Research Projects: Develop critical thinking through BIT-Centre for Research initiatives.
- Internship Programs: 807 students gain industry or research experience in specialized areas.
- Online Courses: 191 students substitute electives with SWAYAM-NPTEL courses for interdisciplinary growth.
- Start-Up Club Guidance: Mentorship fosters

entrepreneurial skills and innovation.

- **Curriculum Flexibility:** Pursue advanced learning via 119 one-credit courses, 19 add courses, 73 honor, and 38 minor courses.

These initiatives create an inclusive environment catering to diverse student needs.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	7436	416

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

At BIT, our educational approach prioritizes experiential learning, participative learning, and problem-solving methodologies to develop students' higher-order thinking skills and prepare them for real-world challenges.

Experiential learning is a key component of courses with lab elements and is implemented through layer learning, internships, skill training, one-credit courses, and project work, comprising approximately 35-40% of the curriculum.

Participative learning is actively encouraged through skill training, practical classes, industry projects, internships, project contests, and collaborative project work, accounting for about 30-35% of course offerings.

Problem-solving methodologies are seamlessly integrated into

the curriculum to equip students with the skills to address design, development, and analytical challenges. This approach is supported by tutorials, assignments, and innovative practices, with approximately 75% of courses emphasising problem-solving activities. These methods foster self-learning, group collaboration, and critical thinking.

In the teaching-learning process, faculty employ tools such as animated videos, models, real-time examples, presentations, and activity-based experiments to enhance understanding. Course materials, including content, resources, and discussions, are uploaded to the BIT wiki page, providing students with continuous access to learning and reference. This comprehensive approach ensures a robust and dynamic educational experience.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.bitsathy.ac.in/regulations/

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

BIT leverages ICT-enabled tools and online platforms to enhance teaching and learning, fostering interactive and dynamic educational environments. All the classrooms are equipped with internet, projectors, and video-enabled Wi-Fi connectivity, facilitating modern instructional strategies that actively engage students. Faculty members incorporate NPTEL videos, custom animation videos, presentations, and curated course content to create immersive learning experiences.

The BIT Wiki page serves as a centralized repository for curriculum-related information, including course objectives, learning outcomes, lecture schedules, instructor details, and instructional materials. Beyond serving as an information hub, the platform fosters collaboration by enabling faculty and students to share resources, address queries, and engage in meaningful academic interactions.

A topic-wise discourse forum is created for all theory courses every semester. This integrated forum within the BIT Wiki enhances the learning experience by facilitating discussions on doubts, emerging technological trends, and contemporary

developments. It promotes active engagement and collaborative learning, empowering the BIT community to exchange ideas and insights. Additionally, an average of 17 formative assessments per course is conducted on each semester using the Moodle platform.

These ICT-enabled tools and platforms empower students and faculty, cultivating an innovative and supportive academic environment that drives excellence and holistic development.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.bitsathy.ac.in/naac/agar/2023-2024/criteria-4-1-1/class-rooms/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

376

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

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

Academic-Calendar:

A committee involving the Principal, Head Academics and Controller of Examinations prepares the academic calendar which outlines all academic activities and events for the year. The Principal, Head Academics, Controller of Examinations, and department heads collaborate on its creation. The final version approved by the Principal is distributed to department heads, faculty, students and relevant coordinators via email before the start of every semester and uploaded to the institute website.

Teaching-Plan:

After subject allocation, faculty members prepare lesson plans for their courses and upload them to the BIT Wiki for student access. The syllabus is divided, with the first half covered for the first periodical test and the second half for the second periodical test. The Teaching-Learning process is monitored by the Principal, Head Academics, Controller of Examinations, department heads, and faculty to ensure adherence to plans. Industry-specific courses are scheduled based on expert availability, and adjustments may be made for unforeseen events like holidays or natural disasters.

The BIT Wiki, modeled on Wikipedia, is an internal platform providing comprehensive details about academic and co-curricular activities. Its Academics and Curriculum tab allows students to access semester-wise courses, including lesson plans, videos, discussion questions, and lecture materials for B.E., B.Tech., and MBA programs before classes begin.

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

2.4 - Teacher Profile and Quality**2.4.1 - Number of full-time teachers against sanctioned posts during the year**

416

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

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

184

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

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

2727

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

29.62

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

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

89

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

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

Student Database Maintenance: Tracking the academic performance of individual students, including semester-wise SGPA, CGPA, registered credits, earned credits, pending credits, number of history of arrears, number of standing arrears, semester-wise consolidated performance, and personal information.

Batch-wise Arrear Report: Easy access to batch-wise arrear reports for eligible students, reducing the need for manual analysis.

Malpractice Report: Details of malpractices are entered directly into the software along with the nature of punishment and maintained for access.

Anna University Provisional Data: Automatic preparation of Anna University provisional data for degree certificates of eligible students (regular and arrear).

Exporting Result: The software features exporting results, allowing viewing of internal marks, external marks, CO-wise marks, and assigned grades for individual students.

General and Degree Moderation: The software facilitates moderation of eligible candidates for general and degree moderation.

Seating Arrangement: The software generates seating allocations for students during semester-end examinations, along with attendance sheets by hall and department.

Valuation Role Mapping: Assigning roles during valuation of semester-end examinations to faculty members is made easier, with reallocation possible if required.

Duplicate Grade Sheets: Download option available for individual students when required.

Revaluation: The software automatically generates details of students eligible for third valuation after revaluation.

Internal Mark Protocol: Internal marks for arrear courses are automatically considered or nullified in accordance with regulatory guidelines.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/coecorner/

2.6 - Student Performance and Learning Outcomes

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

Bannari Amman Institute of Technology offers a four-year B.E./B.Tech. program and a two-year M.E./M.Tech. program. Both faculty and students are well-informed about the program outcomes (POs), program specific outcomes (PSOs), and course outcomes (COs) for the degrees offered. This information is readily accessible on the institution's website through the syllabus books.

The website serves as a comprehensive resource for students, faculty, and stakeholders, detailing the curriculum and syllabi for all programs. Complete information on POs, PSOs, and COs for each program is available for review.

The POs, PSOs, and COs are communicated to all faculty members and are discussed during Department Advisory Board meetings, Board of Study meetings and department meetings for the respective programs. Additionally, the Program Educational Objectives (PEOs), POs, and PSOs are prominently displayed in classrooms, laboratories, newsletters, the library, laboratory records, course files, and other significant locations throughout the institution.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.bitsathy.ac.in/programmes-offered/

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

The institution employs a well -structured evaluation system to assess the attainment of Programme Outcomes (POs) and Course Outcomes (COs), ensuring the effectiveness of its educational initiatives. COs are evaluated using a course-assessment pattern, with targets set by subject experts based on the past three years' course performance and prior semester results. These targets are verified and approved by the Department Advisory Board (DAB). CO attainment is calculated using students' scores in Continuous Internal Examinations (CIE) and Semester End Examinations (SEE) and audited through internal and external academic audits.

POs and Program-Specific Outcomes (PSOs) are assessed using direct and indirect methods, contributing 80% and 20% of the weightage, respectively. Direct assessment uses COs, while indirect evaluation relies on surveys and Student Portfolios. Attainment targets for POs and PSOs are based on three years' performance data and reviewed by the DAB. Gap identification is done through graduating students and corrective measures are implemented for subsequent batches. Recommendations from the DAB guide further improvements to enhance POs and PSOs achievements yearly. This systematic approach ensures continuous refinement and alignment with targeted learning outcomes.

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

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

1777

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.bitsathy.ac.in/coecorner/

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

<https://www.bitsathy.ac.in/wp-content/uploads/SSS-2023-2024.pdf>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Promotion of Research and Facilities**

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

The R&D policy available in the institute's website aims to foster an outstanding research environment by enhancing infrastructure and encouraging interdisciplinary collaboration among researchers. It focuses on disseminating findings through various platforms, securing external funding, and providing research training for faculty and students. Additionally, it seeks to engage with the community, industry, and stakeholders to address real-world challenges and facilitate knowledge transfer.

Our institute fosters a dynamic research environment guided by a regularly updated R&D policy. Key initiatives include funding for faculty and student pilot projects, financial support for presenting papers at national and international forums, and a management incentive of 2.5% for sponsored research.

Additionally, the institute offers a 60%-70% share in consultancy revenues and actively supports Ph.D. holders in pursuing postdoctoral research abroad, enhancing their global research exposure.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.bitsathy.ac.in/wp-content/uploads/RD-Policy.pdf
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

100.44

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

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

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

289.45

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

11

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

3.2.3 - Number of teachers recognised as research guides

94

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

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

7

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

The institution has established a comprehensive ecosystem which focuses innovation and facilitates. This is achieved through the dedicated Center For Research - Research Park (CFR-RP). The CFR-RP provides robust support for pioneering projects, publication, interdisciplinary collaboration, and the development of cutting-edge technologies. CFR-RP serves as hubs for promoting a culture of innovation and transfer of knowledge that aligns with the institution's commitment to driving progress and addressing global challenges.

BIT has established a professional hub and robust ecosystem fostering entrepreneurship and innovation, strengthened by its Technology Business Incubator (TBI). The TBI, IIC, EDC, and Start-up cell at BIT provide a comprehensive platform for nurturing startups and fostering innovation, offering state-of-the-art infrastructure, funding opportunities, and mentorship from industry experts. Its state-of-the-art incubation facilities and the Product Innovation Centre actively support aspiring entrepreneurs in developing scalable solutions to

global challenges. BIT's interdisciplinary approach integrates advanced research, mentorship programs, and industry collaborations, empowering students and faculty to transform ideas into impactful ventures.

BIT offers a vibrant campus life, enriched by a diverse range of student organizations and societies. BIT boasts over 20 student clubs and societies, catering to a wide spectrum of interests. These groups provide a platform for students to explore their passions, from arts and culture to technology and social service. These groups also provide opportunities for students to engage in various activities, develop leadership skills, and connect with like-minded peers.

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

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

310

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

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

3.4.2.1 - Number of PhD students registered during the year

47

File Description	Documents
URL to the research page on HEI website	https://www.bitsathy.ac.in/research-centers/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

1.11

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

0.14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/wp-content/uploads/naac/aqar/2023-2024/C3/3.4.4/3.4.4.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

998

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

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

3.4.6.1 - h-index of Scopus during the year

14

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

3.5 - Consultancy

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

54.503

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

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

62.096

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

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

Bannari Amman Institute of Technology (BIT) integrates Indian Knowledge Systems (IKS) principles of community service and environmental stewardship through its diverse student initiatives. The National Service Scheme (NSS) and Unnat Bharat Abhiyan (UBA) actively engage students in projects aligned with national priorities. Reflecting the IKS emphasis on holistic well-being, these include promoting sanitation under the Swachh Bharat Mission Gramin (SBM-G), contributing to a cleaner India, and addressing menstrual hygiene through practical solutions like napkin incinerators.

Further embodying IKS's focus on harmonious living with nature, BIT promotes environmental sustainability through sapling plantation and effective waste management. This aligns with the Clean Campus initiative, creating a healthy learning environment. Moreover, digital literacy training programs empower communities, reflecting the IKS tradition of knowledge dissemination. The NCC cultivates discipline and leadership, while the Women Development Cell empowers female students, fostering inclusive growth. These activities not only benefit society but also nurture students' personal development, rooted in the values of IKS.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/clubs-societies/

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

453

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

59

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

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

5516

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

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

880

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

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

38

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

BIT has a land area of 180.88 acres with a built-up area of

2,77,299 sq.m. ICT is enabled in 122 UG-classrooms (12,713 sq.m), 15 PG-classrooms (967 sq.m), Drawing-halls (927 sq.m) and Seminar-halls (3385 sq.m). BIT is equipped with 127 laboratories and has UG-laboratory (42,010 sq.m), PG-laboratory (1,100 sq.m), Computer Centre (1184 sq.m), Computation Analytical laboratory (3186 sq.m), Workshop (799 sq.m), Physics laboratory (875 sq.m) and Chemistry-laboratory (875 sq.m). In addition to the primary laboratories, there are 54 Special and Applied laboratories covering 1,273 sq.m, along with 13 Industry Sponsored laboratories. BIT is well-equipped with 4,445 computers, 197 printers and scanners, operating on a network bandwidth of 2.25 Gbps with 686 Wi-Fi access points. The campus includes a central library spanning 8235 sq.m and comprising five stories, capable of accommodating 911 students simultaneously. The library houses an extensive collection of educational resources, including 96,922 volumes and 28129 titles. It also provides access to 76 International journals, 205 National journals, 35 technical magazines, and 67 general magazines. Additionally, a digital library facility is available for students. Administrative and support facilities include the Principal's Office (1,154 sq.m), HoD's Cabin (169 sq.m), Faculty Rooms (276 sq.m), Controller of Examination Office (761 sq.m), and Hostel facilities covering 71,593 sq.m. Other key spaces on the campus include the Training-Placement Office (600 sq.m), Technology-Business-Incubator (1,300 sq.m), Language-Laboratory (400 sq.m), and a Community Radio station (120 sq.m). This comprehensive infrastructure supports the diverse academic and research activities at BIT.

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

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

A Vibrant Campus: Fostering Holistic Development

The institution offers a diverse range of facilities to cater to students' cultural, physical, and recreational needs.

Cultural Activities:

- **A Tapestry of Traditions:** Over 25 cultural clubs celebrate diverse traditions and National festivals, providing a platform for students to express themselves artistically and culturally.
- **Yoga and Wellness:** Dedicated yoga halls and expert trainers promote physical and mental well-being.

Sports and Fitness:

- **State-of-the-Art Facilities:** A sprawling 16.33 acre sports complex houses a 400 m athletic track, multiple outdoor courts for football, cricket, silambam, boxing, handball, ball badminton, volleyball, and synthetic tennis and basketball courts.
- **Indoor Recreation:** Indoor facilities include table tennis, snooker, carrom, and badminton. In 2023, a modern indoor badminton facility with four wooden courts was added.
- **Hostel Amenities:** Both boys' and girls' hostels offer dedicated recreational areas, including gyms, playgrounds, and sports courts.
- **Wellness and Fitness:** Well-equipped gyms in both hostels promote a healthy lifestyle and physical fitness.

Community Spaces:

- **Spacious Auditoriums:** Two air-conditioned auditoriums with seating capacities of 700 and 1800 respectively, provide venues for cultural events, seminars, and workshops.

Convenient Transportation:

- **Efficient Campus Commute:** A fleet of 27 buses, 16 cars and 12 battery operated vehicles ensures convenient transportation for students and staff.

By providing a comprehensive range of facilities, the institution strives to create a vibrant and dynamic campus life, fostering holistic development and a strong sense of community among students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/sports-facilities/

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

167

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

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

4820.4336

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

4.2 - Library as a Learning Resource

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

BIT Library utilizes Koha, an open-source Library Management Software. Koha serves as an Integrated Library Management System (ILMS) offering a range of features like searching, check-out, check-in, renewing books, and suggesting new items.

The system employs a state-of-the-art Radio Frequency Identification (RFID) Library Management System to streamline

transactions and safeguard resources. Access to the library is controlled via an RFID-based gate, requiring users to present smart cards for entry. Self-service kiosks equipped with touch screen technology empower patrons to independently check out library materials. Automated drop box allows for 24/7 book returns and sends email alerts upon receiving items.

Additionally, the library's web OPAC, featuring 15 Nos. of touch screen computers on-site and accessible remotely from any internet-enabled device, facilitates seamless access to library resources.

BIT library subscribes to a variety of online journals and e-resources, including IEEE, ASME, ASCE, Springer, Science Direct, McGraw-Hill Access Engineering, ProQuest and Scopus, a citation database. Access to these resources is facilitated through Internet Protocol (IP) based authentication within the campus. Further, BIT provides remote access through the "Knimbus" platform. This approach ensures that patrons can efficiently utilize these valuable resources both within the library and from any location, promoting continuous learning and research excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/learning-centre/

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

A. Any 4 or more of the above

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

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

37.76	
File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)	
4.2.4.1 - Number of teachers and students using the library per day during the year	
1200	
File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File
4.3 - IT Infrastructure	
4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities	
<p>BIT provides campus-wide Wi-Fi facilities with 1396 access points at the cost of 336.97 Lakhs from 2014 to 2024, private cloud infrastructure built on top of open stack platform and Indigenously developed Campus Stack e-governance ERP (CAMPS) software for campus management is implemented and constantly updated. Facilities are backed by the in-house data center of BIT with 2.25 Gbps Leased Line Internet Connection. The networking infrastructure is supported by end to end fiber optic backbone, Gigabit optic modules and cables (10 Kms), enterprise class switches, routers. Security of the systems are managed by firewalls Sophos XG-750 model were installed for a worth of 50.74 Lakhs. Currently maintained by TACITINE-EN6200-EDU firewall worth 42.48 Lakhs to protect the systems. Additionally, 1484 CCTV cameras are installed from 2016 to 2024 at the cost of 90.71 Lakhs and handled through backbone networks to ensure the safety and security of students. The video data captured is managed through Network Video Recorders (NVR).</p>	

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/wp-content/uploads/naac/agar/2023-2024/C4/4.3.1/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7436	3794

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**A. All four of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bitsathy.ac.in/naac/aqar/2023-2024/criteria-4-3-4/media-centre-photos/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

2840.8129

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The maintenance team provides a wide range of services that encompass the management, maintenance, repair, and remodeling of infrastructure facilities on the campus.

The assigned responsibilities encompass a comprehensive approach to maintaining the campus environment. This includes the development and regulation of cleaning and waste disposal policies, ensuring a high standard of hygiene. Additionally, the role involves overseeing repair works and Annual Maintenance for both Academic and Non-Academic areas, and taking initiative for maintaining the infrastructure.

Efficient management of campus resources is crucial, and this is achieved by monitoring and controlling these resources through the operation of an effective security system. Furthermore, there is a focus on initiating and monitoring Laboratory Maintenance activities, ensuring the optimal functioning of these crucial facilities. They ensure the efficient management of electrical power, water resources,

solid waste, and wastewater within the institute through (i) preventive maintenance, (ii) break-down maintenance, (iii) predictive maintenance, and (iv) disaster prevention schedules for various equipment/facilities.

In-charges of the Essential Services maintain stock registers and update them as and when the items are used for carrying out maintenance activities. In-charges of Essential Services have the consumption pattern for initiating purchase activities and they prepare an annual budget plan every year.

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 benefitted by scholarships and freeships provided by the Government during the year

168

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

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

203

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

5.1.3 - The following Capacity Development | A. All of the above

and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://www.bitsathy.ac.in/capability-enhancement-schemes/
Details of capability development and schemes	View File
Any additional information	View File

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

1202

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1202

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

5.2.2 - Number of outgoing students progressing to higher education

86

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

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

33

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

5.3 - Student Participation and Activities

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

34

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

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

Student power plays a vital role in shaping campus life, extending far beyond the classroom. Various avenues exist for students to actively participate in the governance and development of their institution. Department associations, formed by elected student representatives, organize enriching events like guest lectures and technical symposiums, fostering academic engagement and a deeper understanding of their respective fields.

Students also contribute significantly to academic governance by participating in committees such as Course Committees. This involvement allows them to suggest improvements to academic programs and ensures their voices are heard in shaping the curriculum. Their influence extends to administrative matters as well. Students serve on committees like the TBI alumni, Library Committee, and Hostel Committee, providing valuable feedback on daily operations and contributing to the overall improvement of campus facilities and resources.

Furthermore, student involvement is crucial for maintaining a safe and inclusive environment. The Anti-Ragging Committee actively tackles harassment, while the Internal Complaints Committee addresses gender-related issues, promoting a respectful atmosphere for all. The SC-ST Cell plays a vital

role in keeping students from marginalized backgrounds informed of their rights and available opportunities, further contributing to a diverse and equitable campus community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/non-statutory-bodies/

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

42

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

5.4 - Alumni Engagement

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

Alumni Association was registered as "ALUMNI ASSOCIATION - BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHYAMANGALAM" on 11th May 2015 at the Registrar's Office, Gobichettipalayam. The association has started 15 chapters at various cities nationally (Mumbai, Hyderabad, Bangalore, Chennai) and internationally (UK, Germany, Singapore, and UAE) with office bearers and Executive Committee members to drive the Chapter.

The Parent Chapter Conducts Executive Committee meetings, and Annual General Body meetings to review and renew the association. The Association has a separate alumni website, Google Group, and WhatsApp group for sharing college newsletters, Alumni newsletters, magazines, and job opportunities posted by alumni members, Alumni Events, and other events at BIT. Alumni Database updation, Alumni Newsletter preparation, and circulation, Preparing and issuing alumni ID cards, conducting alumni meetings, Chapter formation,

and inauguration are some of the activities of the association.

Alumni members extend their support to the Institution through (i) permitting the students to visit their industry, (ii) offering Internships to our students, (iii) placement, (iv) curriculum development (Member in BoS), (v) Training the students for placement, (vi) Interaction with the students regarding placements and Higher studies in abroad and (vii) Delivering the Guest lectures, Seminars, One credit courses in the current topics to bridge the gap between Industry and Institute. The association also extends its support through scholarships to financially deprived students for their studies and medical expenses for the members of alumni who are below the poverty line.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bitsathy.ac.in/alumni/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the institution is characterized by effective leadership that aligns with its vision and mission. The institution is committed to fostering a learner-centric environment, promoting holistic education, and cultivating a culture of innovation. Leadership plays a pivotal role in formulating policies and strategies that support academic excellence, interdisciplinary learning, and industry collaboration.

Strategic initiatives such as curriculum revisions, interdisciplinary projects, and the introduction of open

electives and honor/minor degree programs reflect the leadership's forward-thinking approach. The establishment of special labs, research centers, and skill development programs ensures that students are equipped with both theoretical and practical knowledge, aligning with the institution's mission to create globally competent professionals.

The governance structure promotes inclusivity by encouraging participation from various stakeholders, including faculty, students, and industry experts, in decision-making processes. Regular feedback and performance evaluations ensure continuous improvement in academic and administrative functions. Through a clear commitment to quality education, the leadership maintains transparency, accountability, and a focus on achieving the institution's long-term goals, thereby demonstrating governance that is both visionary and responsive to the needs of the academic community.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/vision-mission/

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

Effective leadership at the institution is evident in its practices of decentralization and participative management, which align with its vision and mission to foster a learner-centric environment and promote holistic education. Leadership empowers various stakeholders, including faculty, students, and industry experts, by involving them in decision-making processes. This inclusive approach ensures that policies and strategies reflect diverse perspectives and remain responsive to the evolving needs of the academic community.

Decentralization is exemplified through the delegation of responsibilities to departments, committees, and individual leaders, enabling efficient execution of academic and administrative tasks. Participative management is encouraged through structured mechanisms for regular feedback, collaborative curriculum design, and interdisciplinary projects. These practices nurture a culture of innovation and

accountability while fostering leadership skills among faculty and staff.

Strategic initiatives such as curriculum revisions, open electives, and skill development programs highlight the leadership's forward-thinking approach. By establishing special labs, research centers, and honor/minor degree programs, the institution equips students with both theoretical knowledge and practical expertise with specialized skills. Transparent governance, regular performance evaluations, and an unwavering commitment to quality education underscore the leadership's ability to drive continuous improvement. This participatory and decentralized governance model reflects leadership that is both visionary and adaptive, ensuring institutional excellence.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.bitsathy.ac.in/non-statutory-bodies/

6.2 - Strategy Development and Deployment

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

The Internal Quality Assurance Cell (IQAC) plays a pivotal role in the institutional Strategic/Perspective Plan for 2020-2025 by acting as a driving force behind its articulation, implementation, and monitoring.

- **Articulation and Implementation:** IQAC spearheaded the formulation of the strategic plan, ensuring it aligns with the institution's mission and vision. It played a crucial role in prioritizing key areas such as curriculum innovation, interdisciplinary learning, infrastructure development, and fostering research and industry collaboration.
- **Curriculum and Learning Initiatives:** The introduction of open electives, one-credit courses, and interdisciplinary final-year projects to encourage multi-disciplinary

learning reflects IQAC's focus on enhancing academic and skill-oriented opportunities.

- **Skill Development and Research Promotion:** By establishing special labs and introducing honor and minor degree programs, IQAC enables students to specialize in multiple domains, fostering a culture of innovation. It also facilitates partnerships with industry and the integration of technology via platforms like NPTEL, promoting research and global competitiveness.
- **Monitoring and Feedback:** IQAC ensures the effective implementation of the plan through regular reviews and feedback from stakeholders, maintaining a focus on continuous improvement and alignment with academic excellence.
- **Outcome Evaluation:** The success of IQAC's initiatives is evident in the institution's student-centric approach, emphasis on innovation, and production of industry-ready graduates equipped with multidisciplinary skills.

IQAC not only shapes the strategic vision but also ensures its dynamic execution, cementing the institution's leadership in education and skill development.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.bitsathy.ac.in/naac/#strategic-plan
Upload any additional information	View File

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

The administration of BIT operates under the stewardship of a philanthropic trust, supported by the Governing Council and the Academic Council. The Management Team, comprising the Trustee, Principal, and Dean, oversees the institution's daily operations, assisted by the Administrative Committee, which includes experienced faculty members. Statutory Bodies are constituted, and meetings are conducted in accordance with the guidelines set by AICTE, UGC, MHRD, the State Government, and Anna University. To enhance the operational framework, Non-statutory Bodies are also established by the Management to

supplement the functions of the Statutory Bodies.

Academic operations are efficiently managed by the Head-Academics, the Controller of Examinations, and the Heads of individual departments. Department Heads oversee both staff and student matters, ensuring smooth dissemination of academic programs. The Controller of Examinations has compiled a comprehensive booklet detailing all rules and regulations related to the evaluation system, ensuring clarity and consistency.

The Management actively promotes faculty involvement in various institutional committees to nurture leadership skills and enhance professional capabilities. Grievance redressal committees for both staff and students have been established to address concerns promptly, fostering a supportive and inclusive institutional environment. This structured and collaborative administrative approach underscores BIT's commitment to operational excellence and community well-being.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.bitsathy.ac.in/wp-content/uploads/Organogram-BIT.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.bitsathy.ac.in/approvals-circulars/

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
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The institution demonstrates a strong commitment to the welfare and professional growth of its teaching and non-teaching staff through a range of thoughtfully designed initiatives. Fully furnished, rent-free residential quarters are provided to staff members, along with comprehensive group insurance coverage. Faculty members engaging in funded projects receive a 2.5% incentive on the sanctioned amount, while consultancy projects offer a generous revenue-sharing model, allocating 60-70% to the contributing faculty.

Financial security is further bolstered through contributions to the PPF, EPF, and Gratuity Scheme. Acknowledging dedication and loyalty, the institution grants long-service allowances to staff members who complete ten years of service. To support academic and professional activities, transport facilities are provided for industry consultancy engagements. Female staff benefit from maternity leave and have access to an on-campus, complimentary daycare center for their children.

Faculty Recreation Club activities provide a platform for networking, relaxation, and collaboration beyond the workplace, strengthening camaraderie among staff. Similarly, yoga sessions promote physical health and mental well-being, reducing stress and improving focus, which ultimately contributes to better teaching outcomes and institutional success.

The institution extends its care to the families of its staff by offering priority admission for their children in both college programs and affiliated schools (State Board and CBSE). In addition, round-the-clock medical facilities along with

ambulance services are available on campus, underscoring the institution's commitment to the health, safety, and overall well-being of its community.

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

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

18

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

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

36

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

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

483

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Yes, Financial audits are conducted regularly by experienced chartered accountants to carry out both internal and external audits. Internal audits are performed twice a year, while the external audit is conducted once at the end of the financial year. The audit team thoroughly examines all documents related to financial transactions for the relevant financial year, including bills for purchased items, payment vouchers, comparative statements of quotations, records of online payments and their corresponding cheques, TDS, salaries and wages expenditure, fee and scholarship records, and other incurred expenses. Any discrepancies identified during the audit are reported to the Principal and Management and are addressed immediately.

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

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

0

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

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

Fund mobilization at the institute is carried out through student fee collection and sponsorships from the Bannari Amman Educational Trust for infrastructure development and co-curricular activities. The institution follows a clearly defined procedure to ensure the effective and efficient use of available resources for both infrastructure development and the teaching-learning process. All major financial transactions are overseen by the Finance Committee. The institution also has a well-established policy for managing its financial resources.

Before the start of each financial year, budgets are prepared by various departments and sections in the prescribed format, as directed by the Principal. The budget for each department is formulated by the various Heads of Departments (HoDs) in consultation with laboratory in-charges and relevant faculty members by considering the factors such as the need to replace outdated equipment, new requirements due to changes in the curriculum, the necessity for designing new experiments, faculty training, students skill enhancement, maintenance of physical and academic facilities, placement activities, entrepreneurship activities, students start-up, outreach activities, general amenities for students, subscription for e-journals and books . The final consolidation of the budget is carried out in consultation with HoDs and in-charges, who provide justification for each budget item. Once it is finalized, the budget is forwarded to the Finance Committee and Management for further approval

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institutional Advisory Board (IAB):

- Established to provide strategic guidance with key stakeholders, including academic, administrative, and external representatives.

Academics:

- BIT-Wiki: Internal knowledge base for academic and co-curricular activities.
- Moodle: Formative assessments are conducted through Moodle software, helping students track and improve their learning progress.
- Discourse Forum: Open-source platform for discussions among students and faculty.
- Student Feedback: Collected for each course, leading to targeted improvements.
- Academic Audit: Regular assessments to enhance curriculum and teaching quality.
- One-Credit Courses: Centralized delivery for consistent quality across programs.
- Appellate Committee: Addresses student grievances related to answer script revaluation.

Infrastructure:

- Asset Entry Software: Monitors and maintains asset data, including location and utilization.
- Internal Audits: Ensures optimal resource utilization and system functionality.
- QR-Code Feedback: Allows users to provide real-time feedback, with follow-up actions by the support desk.

Others:

- Revision of FAP: Enhances quality in research and development activities.
- Special Lab: Provides industry-related laboratory

facilities for students.

- Advanced BIT-Gurugulam: Equips engineers with essential skills for career success.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.bitsathy.ac.in/naac/

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

The Internal Quality Assurance Cell (IQAC) plays a crucial role in fostering continuous improvement by systematically reviewing the teaching-learning process, operational structures, methodologies, and learning outcomes. A total of 1,110 courses are audited as part of these evaluations, which are conducted every semester through Internal Academic Audit-I, Internal Academic Audit-II, and External Academic Audit.

Internal Academic Audit-I and II involve nearly 50 internal auditors who play a vital role in conducting these audits. Serving as self-assessment tools, these audits enable the institution to evaluate academic practices, teaching methods, curriculum design, and student outcomes. Conducted by internal faculty and staff, the process helps identify strengths, weaknesses, and opportunities for improvement. The findings are meticulously documented and culminate in an Action Taken Report that outlines corrective measures.

The External Academic Audit involves 24 external experts from reputed institutions serving as auditors for ODD and EVEN semester courses. These audits evaluate academic programs, governance, faculty qualifications, and student performance. Based on the findings, recommendations for quality enhancement are provided. The institution responds with an Action Taken Report detailing the steps implemented to address the recommendations. Together, these audits contribute significantly to driving the institution toward achieving excellence in education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bitsathy.ac.in/naac/

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.bitsathy.ac.in/naac/#iqac-annual-reports
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Measures Initiated for Gender Equity:

Safety and Security:

- **24/7 Vigilance:** Round-the-clock security patrols, women security guards, and advanced surveillance systems ensure a safe campus environment.
- **Secure Facilities:** Biometric access control and well-lit common areas enhance security.
- **Dedicated Spaces:** Gender-specific common rooms provide

safe and comfortable spaces for students and faculty.

- **Support desk:** A dedicated support desk team provides assistance and guidance to students and faculty on safety and security matters.

Support and Well-being:

- **Mentorship and Counseling:** A dedicated mentorship program offers academic and personal guidance. Professional counseling services are available for specific needs.
- **Health and Wellness:** 24/7 access to a health center, pharmacy, and ambulance ensures prompt medical attention.
- **Family-Friendly Initiatives:** The daycare center caters to working parents, providing a safe and stimulating environment for young children.
- **Hygiene and Convenience:** Ladies' hostels are equipped with napkin vending machines and incineration facilities.

Empowerment and Advocacy:

- **Dedicated Committees:** The Anti-Ragging Committee, Anti-Sexual Harassment Committee, and Women Development Cell actively work to promote gender equity and address concerns.
- **Empowerment Programs:** Initiatives are undertaken to empower women, such as skill development workshops and leadership training.

By implementing these measures, the institution aims to create a safe, inclusive, and empowering environment for all students, especially women.

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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 a maximum of 200 words)

Solid waste management

- **Degradable:** Food Waste from non-academic areas like Cafeteria, Hostels & Quarters and Night soil from various points are collected and given to Anaerobic digester for the generation of Biogas. Generated Biogas is supplied to engines for the production of electricity.
- **Non degradable:** Non degradable items are sorted and sold to external agencies

Liquid waste management

- The Sewage Treatment Plant (STP), with a capacity of 20,00,000 L/day, is employed to treat the wastewater collected from both the hostels and the college. The treated water is subsequently utilized for gardening purposes.
- The Biogas plant generates 1000 kW/day by utilizing the liquid wastes and employs this generated energy to power the electrical motors installed at the STP.

Biomedical waste management

- Sanitary napkins and other biomedical wastes are incinerated. Microbe culture dishes are sterilized before disposal.
- BIT's health center is equipped with a needle destroyer to get rid of used needles.

E-waste management

- The Test and Repair Centre collects the e-waste once in every year and outsources the waste components to external agencies.

Hazardous chemicals

- **Hazardous chemicals are sorted and labeled, they are handled very carefully. Microbe culture dishes are sterilized before disposal.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	<p>C. Any 2 of the above</p>
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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

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

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

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

BIT fosters a vibrant campus life that celebrates cultural heritage and promotes women's empowerment alongside academic excellence.

Women's Empowerment: International Women's Day (March 8th) is marked by inspiring interactions with successful women entrepreneurs, providing valuable insights and mentorship for students. BIT also recognizes the contributions of local school principals dedicated to educational advancement in the Erode district.

Cultural Celebrations: The "Pongal Vizha," organized by the Muthamizhl Mandram in January, immerses the community in Tamil traditions. Traditional games like "kabaddi," "achu pidungthal," "Sarukkumaram," and "paanai udaithal" foster a strong connection to cultural roots through engaging and fun activities. Navarathri is celebrated by the Women Development Cell with a "Kolu" exhibition, a nine-day display of divine representations. Competitions for students and faculty families culminate in a special pooja for student well-being.

Beyond Academics: Vibrant clubs and societies provide platforms for socio-economic and cultural engagement. Debates, poetry, dance, and music performances enrich the campus experience, fostering creativity and self-expression.

BIT provides a holistic educational experience, seamlessly integrating academic pursuits with cultural richness and a commitment to women's empowerment, creating well-rounded individuals prepared for success.

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

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

BIT cultivates responsible citizens through a multifaceted approach, emphasizing constitutional awareness, value-based education, and active engagement.

Constitutional Awareness: Students gain a deep understanding of their rights and responsibilities through workshops and lectures by distinguished experts on the Indian Constitution. These sessions delve into the fundamental principles enshrined in the Constitution, empowering students to become informed and engaged citizens.

Value-Based Education: Core courses in professional ethics and human values, complemented by ethics-focused debates and presentations, instill strong moral principles in students. These courses explore ethical dilemmas, encourage critical thinking, and foster a sense of integrity and social responsibility.

Active Engagement: BIT actively promotes social responsibility through campaigns and discussions addressing critical issues like environmental protection, cleanliness initiatives (Swachh Bharat), and sustainable waste management. Students are encouraged to participate in these initiatives, contributing to positive change in their communities.

Cultural Diversity: Cultural events celebrating diverse traditions and customs foster respect and connect students to their heritage. These events provide opportunities for students to learn about different cultures, appreciate their unique values, and develop intercultural competence.

This holistic approach, within a safe and supportive learning environment, prepares students for both successful careers and fulfilling personal lives, shaping them into well-rounded, responsible members of society.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

A. All of the above

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

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

BIT actively commemorates significant National and International days, fostering a sense of history, culture, and social responsibility.

Language & Culture: BIT observes World Language Day (February

21st), honoring the sacrifices made for the recognition of Bengali as a national language. This day also serves as a reminder of the importance of mother languages globally. Leading up to this, the Muthamil Vizha (February 15th-21st, 2024) promotes Tamil language and culture through various competitions. Bharathi Vizha, celebrating the birth anniversary of poet Subramania Bharathi, was held on December 9th, 2023, featuring poetry, song, and other artistic competitions.

Safety & Awareness: BIT observes National Safety Day (coinciding with the Muthamil Vizha) with flag hoisting, pledges, safety quizzes, poster competitions, essays, and guest lectures, emphasizing the importance of safety awareness.

Other Commemorations: International Women's Day was celebrated by the Women Development Cell (WDC) on March 8th, 2024. National Mathematics Day, commemorating Srinivasa Ramanujan's birth anniversary, is observed annually by the Math Club on December 22nd. The GEO club celebrated World Environment Day on June 5th, 2023.

These observances demonstrate BIT's commitment to promoting cultural heritage, social awareness, and academic enrichment through diverse events and activities.

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

7.2 - Best Practices

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

Advanced Gurugulam Skill Training Program

Objectives:

The objectives are to develop advanced skills in Servo motion control, embedded systems, and networking, fostering practical,

industry-ready expertise.

The Context:

In order to fill skill gaps and prepare engineers for demanding, technical problem-solving positions, this program offers practical training in automation, embedded systems, and IT infrastructure.

The Practice:

Advanced Skill Training covers a wide range of topics, including safety protocols, troubleshooting techniques, system design processes, documentation, and hands-on use of specialized tools. It aims to equip students with a comprehensive understanding of industry-grade practices, empowering them to apply these advanced skills in real-world scenarios while adhering to industry standards.

Evidence of Success:

The success includes placement readiness, meeting industry-specific skill benchmarks in embedded system design, servo motion control, and IT infrastructure. Results show students are industry-ready, demonstrating strong entrepreneurial capabilities and high standards in projects, contributing to overall program excellence.

Problems Encountered and Resources Required:

Students undergoing advanced skills training should demonstrate enhanced problem-solving abilities across various laboratory domains, fostering greater confidence, teamwork, and alignment with industry standards to enhance career opportunities and professional growth.

Notes:

The assessment process of skills obtained through Advanced Gurugulam training involves three key processes:

- Individual Daily Task Evaluation
- Students' consolidated A3 Report - At the end of the training
- Standard / Technical A3 Report - During the assessment

File Description	Documents
Best practices in the Institutional website	https://www.bitsathy.ac.in/naac/#best-practices
Any other relevant information	https://www.bitsathy.ac.in/wp-content/uploads/naac/agar/2023-2024/C7/7.2.pdf

7.3 - Institutional Distinctiveness

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

The Bannari Amman Institute of Technology (BIT) has established itself as a leader in outcome-based education, focusing on practical skill development. The institution has developed 54 advanced laboratories that are accessible 24/7, enabling students to engage in hands-on training and experimentation aligned with the 5P model: practice, participate, produce, publish, and provide consultancy. This approach not only equips students with cutting-edge skills relevant to modern technological demands but also encourages their involvement in national and international competitions, patent filings, and real-world problem-solving initiatives?.

In supporting student professional development, BIT offers full sponsorship for component purchases, continuous mentorship from faculty, and opportunities for industrial consultancy. These initiatives foster innovation and entrepreneurship, transforming student ideas into commercially viable products. The dedication of faculty members in these laboratories further amplifies student achievements across various domains, reflecting the institution's commitment to excellence in education.

File Description	Documents
Appropriate link in the institutional website	https://www.bitsathy.ac.in/special-labs/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

BIT has the following plan for the next academic year:

- **Personalized Skill Training:** Introduce specialized training programs focusing on practical skills to better prepare students for industry demands.
- **Parent Portal:** Develop and launch a parent portal to enhance communication between the institution and parents, providing real-time updates on student performance, attendance, and other academic activities.
- **Establishment of Industry Exploration and Collaboration Cell (IECC):** Set up a dedicated cell to facilitate industry exploration, partnerships, and collaborative projects for students and faculty.
- **Non-Credit Courses:** Introduce non-credit courses aimed at the holistic development of students, focusing on areas such as ethics, soft skills, wellness, and community engagement.
- **Domain-Based Outreach Activities:** Organize outreach activities specific to engineering departments to foster community engagement, showcase technical expertise, and provide real-world solutions to societal challenges.
- **Product Innovation Centre (PIC):** Establish the Product Innovation Centre (PIC) as a unique initiative to promote innovation and entrepreneurship among students. The PIC will serve as a platform for developing innovative products and solutions to real-world problems. Equipped with state-of-the-art facilities, it will support multidisciplinary projects and encourage collaboration across departments.
- **Newly Constructed Staff Quarters:** Complete the construction of staff quarters at Q & R Block to improve faculty accommodation and support.