YEARLY STATUS REPORT - 2020-2021

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

  04295226000

- Alternate phone No.

- 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.   **04295226050**

- Mobile No: **9486084456**

- IQAC e-mail ID   **iqac@bitsathy.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)
https://docs.bitsathy.ac.in/naac/pdf/aqar/AQAR2019-20.pdf

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

- if yes, whether it is uploaded in the Institutional website Web link:
https://docs.bitsathy.ac.in/naac/aqar/2020-2021/Academic-Calendar-2020-21.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
Dr G Ganesh Babu / EIE	STTP	AICTE	10/08/2020	305000
Dr A Bharathi / IT	STTP	AICTE	10/08/2020	315000
Dr P Thangaraj / CSE	STTP	AICTE	10/08/2020	401667
Dr K Rajalakshmi / EEE	Dissemination of Innovative Technology (DIT)	TNSCST	09/10/2020	50000
Dr K Subramanian / Bio Tech	Conference	TNSCST	17/04/2021	20000
Dr.S.Murugappan / SMS	National Workshop	ICSSR - SRC	24/03/2021	33700
Dr K L Senthilkumar / MTRS	Student Project	The Institute of Engineers (India)	11/06/2020	63090
Dr Sanjoy Deb / ECE	Research Project	SERB	22/12/2020	200000
Dr Megalingam A / MTRS	Event	DBT	24/04/2021	16000

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   04

- Were the minutes of IQAC meeting(s) and   **Yes**

compliance to the decisions taken
uploaded on the institutional website?

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

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

- If yes, mention the amount

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

Introduction of an open-source platforms 'Wiki Media' and BIT discourse forum for students and faculty members to access the complete information of courses in online

Establishment of special labs to provide more industry-related laboratory facilities to the students

Conducting comprehensive interviews with students to assess their performance on a monthly basis

Introduction of 'Task management System' to track the daily activities of all the faculty members and for the purpose of centralized documentation

Establishment of 1 New UG Programme 'B.Tech. in Artificial Intelligence and Data Science' was initiated.

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
Prepare and deliver quality lecture materials for the courses in the curriculum	**Lecture materials/videos prepared for 76 courses offered during 2020-2021**
Revision of PG curriculum in accordance with the model curriculum circulated by AICTE	**The curriculum, syllabi, elective courses for all the PG programmes offered by the institute were modified according to the model framed by AICTE.**
Encourage the students to utilize the wikipage and discussion forum developed for the courses	**Wikipage and Discussion Forum are generated for the academic courses and made accessible for all the students. The participation of students on discussion forum are monitored continuously.**
Students are motivated to get exposure on new technologies through e-learning materials like NPTEL, SWAYAM and extend e-learning and evaluation in UG & PG programmes.	**The e-learning materials of NPTEL and NITTTR are accessible from dedicated server for faculty members. Students registered and takeup the examination for NPTEL courses**
Orientation programmes to be conducted for the newly joined faculty members to get exposure on institute teaching -learning process.	**Faculty Orientation programme was conducted for newly joined faculty members and the details of academic systems followed in the institute were discussed.**
Exposure on industrial scenario for faculty members to be increased through industry contact, workshops, Guest lecture, and FDP invitation to the experts.	**Faculty members are insisted to conduct guest lectures, webinars, seminars with industry resourse persons and also motivated to collabrately work with industry experts in journal publication, conference publication and consultancy through IIPC activities.**
Motivate the faculty members to carry out their research activities like publish the research paper in the reputed	**782 papers have been published in various National and International Journals by the Faculty. 640 books, chapters and**

journals, publication of books, chapters and conference proceedings, etc.	conference proceedings have been presented / published in the various publications and conferences.
Encourage faculty to pursue Ph.Ds and increase the number of PhDs awarded by the institute	30 Ph.Ds awarded during 2020-2021
Motivate the students to participate in extension and outreach programmes like NSS, NCC, YRC and Technical activities	6423 students have participated in the extension activities and outreach programmes during 2020 - 2021
Complete the construction of New Sewage Treatment Plant (STP)	Completed the construction of New STP with a capacity of 20 Lakh Litres.
Plan to complete the construction of Staff Quarters extension	Completed the construction of Staff Quarters extension
Provision of Management scholarships to the economically low students with good academic background	Friend of Friendless Scholarship amount of Rs.14,00,000 has been provided to 140 students SVB foundation Scholarship amount of Rs.41,73,750 has been provided to 51 students
Conducting various Guest Lectures, Soft Skill, and Capacity Enhancement Programs	Capability enhancement courses like Soft skill development, Remedial coaching, learning of other Languages, Bridge courses, Yoga, Personal Counselling and Mentoring were offered to all the students and 25 students were admitted to Higher Studies & 2 students have cleared the GATE
To prepare strategic plan for the next five years i.e., 2020-2025	The strategic plan for the year 2020-2025 was completed
To device a mechanism to strengthen the documents storage and retrieval	A separate team, based on the activities, was identified for handling the relevant documents

Special lab creation and updation	58 Special labs with specific core area were identified and established with fulltime technical persons who are available 24x7
Introduction of mentor system	A seperate mentor team is identified who monitors the progress of the students with defined tagets and work 24x7 for the wellness of the students
Planned to launch the 'Task management system' to monitor the daily activities of faculty members.	Task management system is launched and is effectively monitoring the daily activities of the faculty members
Introducing the learning platforms called 'Moodle' and 'MediaWiki'	Moodle is highly effective in conducting online exams during this pandemic. MediaWiki serves as a knowledge library for students
Introduction of a formative assessment system to assess the learning level of the students on a daily basis.	Daily Formative Assesment helps the students to effectively update their knowledge on daily basis

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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• Name of the Head of the institution	Dr PALANISAMY C
• Designation	Principal
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journals, publication of books, chapters and conference proceedings, etc.	and conference proceedings have been presented / published in the various publications and conferences.
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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

Year	Date of Submission
04/03/2020	04/03/2020

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1   30

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]

2.Student

2.1   7181

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File]

2.2   1951

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **7168**

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   **1411**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **585**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**30**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**7181**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**1951**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**7168**
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	**1411**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2	**585**
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3	**585**
Number of sanctioned posts for the year:	

4.Institution	
4.1	**2388**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	**167**
Total number of Classrooms and Seminar halls	
4.3	**3260**
Total number of computers on campus for academic purposes	
4.4	**3130.97063**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The guidelines given by statutory bodies like AICTE, UGC, NBA and Anna University and structure of curriculum designed by Autonomy affairs of the Institution, suggestions from Stakeholders are considered while framing the curriculum and syllabi. Recommendations from professional societies and Graduate Attributes prescribed by NBA are considered while framing the Programme Educational Objectives (PEOs), Programme

Outcomes (POs), Programme Specific Outcomes (PSOs) and designing the curriculum framework and assigning credits for the curricular components.

Suggestions for revising and updating the curriculum are collected from the Stakeholders by IQAC and reviewed by the Department Advisory Board (DAB). The Board of Studies (BoS) reviews it, and provides suggestions for improvement. The suggestions received in BoS on curriculum and syllabi are updated and passed on to the Standing Committee. The Standing Committee reviews the recommendations forwarded by the BoS and collates the common points related to the curriculum to the Academic Council. Subsequently, the Academic Council reviews and approves the recommendations and if needed, sends back to BoS for review. It is then placed in the Governing Council for further course of action. The Board of Studies and Academic Council meetings are conducted twice a year as per the recommendations of the UGC.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

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

30

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

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

886

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

207

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
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

30

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
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

Gender: Gender related courses like Social Psychology,

Psychological Process and General Psychology are offered as one credit courses. Internal Complaints Committee (ICC) is formulated as per the Vishaka Guidelines to address gender related issues.

Environment and sustainability: The institution has adopted many green cover initiatives, thereby embellishing the eco-friendly ambience of the Campus. The courses like environmental science, waste management, water treatment and green chemistry are introduced to address the issues and solutions related to environment and sustainability.

Human values: The Counselling Cell of the institution, with an emphasis on the need of counselling the young minds, has professional counsellors to address the students' behavioural and academic issues. Courses like Social Psychology, HR analytics, principles of management, stress management are introduced in the curriculum to make students understand the importance of human values.

Ethics: The courses like Professional Ethics, Total Quality Management, Software Project Management, Organizational Behaviour and Management, Internet Security, etc are introduced in the curriculum to address the best practices related to ethics in engineering. In the curricular aspect, ethics is maintained by checking plagiarism in project reports prepared by the students.

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

50

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

2781

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

1626

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	**No File Uploaded**

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://docs.bitsathy.ac.in/naac/aqar/2020-2021/Criteria-1/2020-2021%20Feedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	**No File Uploaded**
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://docs.bitsathy.ac.in/naac/aqar/2020-2021/Criteria-1/2020-2021%20Employer%20Feedback.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

1667

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)

1667

File Description	Documents
Any additional information	**No File Uploaded**
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.

Learning Level Assessment

- **Learning levels are assessed by Induction program such as Literary and Proficiency Modules through English Diagnostic test.**
- **Based on English Diagnostic test results, students are categorized into basic, intermediate and advanced communicators.**
- **Performance of students is analyzed in Periodical test 1&2 to categorize advanced and slow learners.**

SPECIAL PROGRAMS FOR SLOW LEARNERS:

- **After streamlining through English Diagnostic test, the Basic and Intermediate level students are identified and encouraged to participate in training programs.**
- **Supports are provided to the identified slow learners to overcome academic difficulties by arranging additional classes, remedial classes.**

SPECIAL PROGRAMS FOR ADVANCED LEARNERS:

- **The students of the advanced stream identified in English Diagnostic test can learn any one of the following 5 languages namely, Chinese, French, German, Hindi and Japanese.**
- **Advanced learners are encouraged to take up Self-study electives and Add courses at the maximum of 6 credits per semester.**
- **One credit industry driven courses for 15 to 20 hoursduration per semester.**
- **Online courses like NPTEL in SWAYAM portal.**
- **Fast track system:Students who availed the benefits of extra credits courses and transferred credits are encouraged to take up 6 months internship in**

Industries/Research Organizations.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	**8634**	**585**

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:

Yes

In BIT; Experiential Learning, is concentrated on the Courses with Lab Component, offered through Layer-Learning, Internship, skill training, one credit courses and Project work. On an average 30 to 35% of the courses are under experiential learning. Participative Learning is focused on Skill training, Participation in labs, Industry projects, Internships, Project contests and project work. Students are encouraged to actively participate and enhance their skills towards the latest technologies. Around 25 to 30% of the courses are of participative learning. Problem solving practices are also included in the syllabus, where students are guided to solve the problems related to design, development and analysis. Problem solving methodologies are handled in tutorial sessions, assignments, open book tests. Around 75% of the courses will focus on this learning experience. These approaches are focused on Self-learning, group learning, layer learning, to improve the higher order thinking skills of the students. In the teaching learning process of BIT the animated videos, Models, Real time examples, Presentations, activity based experiments are used for better learning. The course contents, course materials and

discussions are uploaded in the wiki page of BIT for students to refer to any course materials at any time.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

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

Yes

All the BIT Faculty members use ICT enabled tools and online resources for effective teaching and learning processes. BIT classrooms are enabled with Internet and Wi-Fi connections for handling the classes. Faculty members will prepare a course content with animation videos and presentations. The course contents will be available for students in the BIT wiki page and students can refer at any time. The Wiki page of BIT contains the curriculum related information like course objectives, course outcomes, lecture schedule, course instructor's details, Lecture materials and references for all the courses. Course materials will be updated periodically based on its development. The Wiki page will be a common forum for teachers and students to share their resource materials and the discourse forum in the wiki page will help the students to get clarified with their doubts. Latest technological updates will be shared and discussed in the discourse forum. Google classroom is created for individual courses and students registered in the class will get periodic communication from faculty members regarding assignments, tests and class interaction details.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://docs.bitsathy.ac.in/naac/aqar/2020-2021/2.3.2.ICT-tools.xlsx
Upload any additional information	**No File Uploaded**

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

2.3.3.1 - Number of mentors

347

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 and teaching plan are prepared by a committee comprising of the Principal, Controller of Examinations and Dean

- **Academic Calendar comprises of all academic related activities and events. First level of preparation for Academic calendar involves Principal, CoE and Dean Academics and in second level HoDs are involved in preparation. Final copy is prepared by CoE and approved by the Principal and it is circulated through the institution email ID for HoDs, Faculty members, Students and all cell coordinators and also uploaded in the Institute website**
- **Teaching plan is prepared by the faculty members handling the courses and uploaded in wikipage of BIT for access to the students. 50 % of the syllabus for all the courses will be completed during periodical test I and the remaining 50% of the syllabus will be covered within periodical test II.**
- **All activities are conducted by Faculty members / HoDs / Deans / Controller of Examinations as per the plan. Industry driven courses like one credit courses will be conducted as per the availability of the experts. In rare situations, few scheduled activities are deviated due to unavoidable circumstances like natural calamities and declaration of holidays by the Government.**

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

585

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

180

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	No File Uploaded

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

3603

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

Nil

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	No File Uploaded

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

19

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	No File Uploaded

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

Reforms

- **Industrial Experts as external examiners for conducting final year Project work from the AY 2014- 2015.**
- **Entire examination processes are automated through inhouse software from the AY 2015- 2016.**
- **QPssetting based on HoT Skills with 2D assessment of RBT from the AY 2015- 2016.**
- **Introducing relative grading system from the AY 2017 – 2018.**
- **Showing the answer papers of ESE,to ensure transparency through exam wrapper activity from the AY 2017 – 2018.**
- **Two level scrutiny system in order to ensure error-free QPsin ESE from the AY 2018 – 2019.**
- **Rainbow pattern Teslin Grade Sheets with fifteen security features from the AY 2018 – 2019.**
- **Transcripts services for higher education purposes through online from the AY 2018- 2019.**

The continuous internal assessment system

- **Changes in the scheme of assessment of various courses from the AY 2015 – 2016.**
- **Two CIA tests and an optional test will be conducted from the AY 2015 – 2016.**
- **CIA marks obtained by the student in the first appearance shall be retained and considered valid for one subsequent attempt from the AY 2015 – 2016.**
- **Changes in the scheme of assessment of various courses from the AY 2018 – 2019.**

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

2.6 - Student Performance and Learning Outcomes

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

Yes,

Dissemination of Programme outcomes, Programme specific outcomes and course outcomes for all Programmes offered by the institution in Curriculum and Syllabi

The curriculum and syllabi of all the programs are displayed in the Institute website for reference. Students, Faculty members and all stakeholders can access the complete details of POs, PSOs and COs for all programmes offered by the institution in the Institute website.

(www.bitsathy.ac.in)

The curriculum and syllabi of all the programs are also available in the in-house ERP (CAMPS) students and faculty members are having access to refer. The PEOs, POs and PSOs are printed and displayed in classrooms, laboratories, Department and important places.

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	**Nil**

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

Yes,

Attainment of COs:

- **Assessment of COs is generated for individual course based on the assessment pattern. The attainment of COs is calculated by marks scored by the students. Each CO attainment is calculated based on target fixed by course coordinator which is approved in DAB. DAB will review, analyze and take necessary action for COs attainment.**
- **For theory, CIA, ESE, assignments and IP (Quiz, seminars, OBT and library based assignments) are considered. For practical, CIA of every experiment is considered.**

Attainment of POs and PSOs:

- **The POs/PSOs attainments are evaluated through direct & indirect measures. For direct, all POs are addressed through the selection of courses and their COs. Target levels of attainment of POs and PSOs are set and the actual attainment are reviewed and determined by DAB.**
- **For indirect, Co & Extra-curricular activities, program exit survey, alumni survey and employer survey are considered. The survey questionnaires scores ranging from 1 to 5 and mapped to POs and PSOs.**
- **The DAB identify possible ways to improve attainment in terms of desired knowledge and skills in the next AY by reducing the gap. Based on DAB recommendation further actions are taken to improve the PO attainment every year.**

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

1931

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	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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

https://docs.bitsathy.ac.in/naac/aqar/2020-2021/2.7.1SSS.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 College has taken several concrete initiatives to promote research activities, including the financial support to faculty for conducting research work, support to faculty, staff and students to communicate research work at various for a through travel grants; and the provision of study leave for increasing number of faculty members to complete their doctoral and post-doctoral work. The Advisory Committee on Research Projects and Management has also submitted a proposal to provide seed money

to faculty members.

The considerable amount of seed money is granted by the management every year to promote research activities such as inter-disciplinary research projects across departments, to provide support to all faculty members to pursue research in their respective areas of expertise, to develop and enhance the research capabilities based on research facilities and faculty resources, to provide adequate training to faculty and students to enhance their research performance, to develop the research infrastructure, to make foreign research collaborations with national / international laboratories /organizations, academic universities / institutions and industries, to organize the national and international events related to research and development, to promote the consultancy activities, to register the innovative / new ideas in the intellectual property rights (IPR), etc.

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://docs.bitsathy.ac.in/research/Research-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)

7.27

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	**No File Uploaded**
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

4

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

14.03

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

9

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

49

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

8

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.

BIT-TBI

The Bannari Amman Institute of Technology – Technology Business Incubator (BIT-TBI) is a joint venture of Bannari Amman Institute of Technology and Department of Science and

Technology, Government of India. This venture is set up to facilitate the successful creation of bright and sustainable new companies with exciting, valuable and innovative ideas. It also aims to encourage students with innovative ideas & entrepreneurial spirit to become entrepreneurs by imparting skills via training programs. It was officially sanctioned by the DST, Government of India on 19th July 2007 and currently functioning as a society with autonomous status. Besides students, general public with inclination for novel idea based business ventures and existing companies interested in incubating unique spin of ideas towards commercialization can also avail the TBI platform.

TBI is keen to achieve the best possible number of graduated (successful) incubatees. Idea commercialization is thus required to go through full cycle resulting in market positioning of the products or services arrived at through incubation. Effective follow -up measures, strong mentor cum network services, steady review schemes, usage of modern social tools and delivering value proposition through incubation should result in traction of fund and customers for the tenants/graduated incubates.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://bittbi.com/

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

Nil

File Description	Documents
Report of the events	No File Uploaded
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	A. All of the above

the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	

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

17

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

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

782

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

643

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://docs.bitsathy.ac.in/naac/aqar/2020-2021/Criteria%203/3.4.4_books%20&%20chapters/3.4.4_books%20&%20chapters.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

774

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

44

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

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

7.33 Lakhs

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	No File Uploaded

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

20.06 Lakhs

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	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
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

Extension Activities

The objective of the clubs and associations are to instigate a socially responsible character and personality within students and to show them the significance of nature in our day-to-day lives.

The aim of National Service Scheme (NSS) is to develop "personality of students through community service". The different activities conducted through NSS such as SBSI - Open

Defecation Free (ODF) campaign, Napkin incinerator implementation, Dustbin placement, Unnat Bharath Abhiyan(UBA), Blood Donation Camp(BDC), Emergency blood donation, Sapling plantation, Painting and Renovation of buildings, Soil testing, Water testing, Digital literacy, Orphanage and old age home visit, and kitchen gardening.

Young soldiers will be seen getting trained in front of the college campus through National Cadet Corps (NCC). Cadets show their excellent display of skill of marching at the Independence and Republic days. Community Service Club is doing community service has personal benefits as well.It often makes participants more organized, responsible and compassionate, which are all the good qualities required. Women Development Cell organizes various programmes in order to promote the aspect of women's development. Youth Red Cross helps the students to inculcate discipline in them and to understand their responsibilities towards their countrymen, especially the poor and downtrodden.

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

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

205

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

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

71

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

6423

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

262

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)

10

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Bannari Amman Institute of Technology (BIT) has a land area of 181 acres with a built-up area of 2,78,709 sq.m.143 classrooms are ICT enabled in which 122 Under Graduate (UG) classrooms (13,515 sq.m), 21 Post Graduate (PG) classrooms (1565.08sq.m), drawing halls (1509 sq.m) and seminar halls (1587 sq.m). BIT is equipped with 151 laboratories and has UG laboratory (53,540 sq.m), PG laboratory (5949 sq.m), Computer Centre (1154 sq.m), Computation Analytical laboratory (3186 sq.m), Workshop (799 sq.m), Physics laboratory (825 sq.m) and Chemistry laboratory (825sq.m). 57 Special and Applied laboratories (1273 sq.m) and 25 Industry Sponsored laboratories are available. BIT has 3260 computers, 117 printers and scanners. Network bandwidth of 1 Gbps with 568 Wi-Fi access points, In-house cloud platform "BIT Cloud" are available. A central library with a build-up area of 7287 sq.m and five stories can accommodate 911 students at a time. Library has 94936 volumes, 27704 titles, 76 international journals, 205 national journals, 35 technical magazines, 67 general magazines and digital library facility. Principal Office (1154 sq.m), HOD's Cabin (169 sq.m), Faculty Rooms (276 sq.m), Controller of Examination Office (5137 sq.m), Hostel (71593 sq.m). Training & Placement office, Technology Business Incubator, Language laboratory and Community radio.

File Description	Documents
Upload any additional information	[View File](View%20File)
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.)

- College encourages the students to exhibit their talents through cultural activities and national festivals via 18 clubs since 2011.
- A separate A/C hall (188.31 sq.m) is available for Yoga in academic and hostel areas (248.76 sq.m).
- A dedicated 16.33 acres is available to facilitate the outdoor games since 1996, such as athletic track,

- Football, Kho - kho, Hockey, Cricket, Volleyball, Ball Badminton, Handball, Kabaddi, two Standard synthetic tennis courts (added in 2003), Volleyball and basketball court with fencing and floodlight facilities. The indoor games are Table tennis, Pool table, Carom and Chess. The user rate is more than 50 students per day.
- In boys hostel the area of open gym facility and playground is 1778 sq.m. The user rate is more than 100 students per day. The area of girls hostel playground is 9011sq.m. The games are Basketball (added in 2003 synthetic surface with floodlight), Volleyball, Throw-ball, Hockey and Badminton courts (semi Indoor). Gymnasium facilities established (2001) with area of 431 sq.m.
- Two air conditioned auditoriums with a sitting capacity of 700 and 1800 with an area of 894.32 sq.m. & 2063.75 sq.m respectively.
- Transport facilities with 13 cars and 29 buses are available.

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

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

167

File Description	Documents
Upload any additional information	No File Uploaded
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)

1887.51743

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)

Library uses CAMPS, an ERP software system in 2013 (developed in-house by the Software Development Cell of BIT) with RFID scanning facility, puts it on par with the modern libraries in keeping track of issues and returns in a fool proof manner with Online Public Access Catalogue (OPAC) facility.

The State-of-The-Art RFID LMS enables easier transactions and secures all the library resources. The RFID based access gate allows the user to enter the library only by showing an RFID based smart card. Self-book-issue kiosks with "touch screen facility" facilitate the users to checkout / issue the library documents on their own. The automated drop box has 24x7 accesses for students to return books and provide receipts as well as SMS on the return of books. Library web OPAC has 15 numbers of computer systems with touch screen to facilitate the users to utilize the OPAC facility. The users can also avail this OPAC facility using the internet in any device from anywhere.

Online Renewal:

The user can renew the borrowed books online by logging in CAMPS, in-house ERP software.

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

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books	**B. Any 3 of the above**

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	**No File Uploaded**

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

54.79

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
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

324

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

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 568 access points at the cost of 236 lakhs from 2014 to 2019, 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 centre of

BIT with 1 Gbps Leased Line Internet Connection. The networking infrastructure is supported by end to end fibre optic backbone, Gigabit optic modules and cables (10 Kms), enterprise class switches, routers. Security of the systems are managed by firewalls (Fortigate 1000C and Sophos XG-750 model) was installed for a worth of 24.19 Lakhs and is renewed periodically from 2016 to 2020 at the total cost of 29.49 Lakhs. 901 CCTV cameras are installed from 2016 to 2021 at the cost of 47.70 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).Dell server 3 numbers are purchased for 36.72 Lakhs during 2016 and enhanced to 7 numbers from 2019 for 43.42 Lakhs.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
8634	3260

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: Facilities	A. All four of the above

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	**Nil**
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)

1243.45321

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.

Maintenance services offered by various Essential Service Providers aim at optimum utilization of various resources in the campus through (i) preventive maintenance, (ii) break-down maintenance, (iii) predictive maintenance and (iv) disaster prevention schedules for various equipment / facilities available in the Campus and avail the uninterrupted services and execution of various activities.

In-charges / Heads of the Essential Services shall prepare the detailed list of preventive and predictive maintenance schedules and activities for academic, non-academic, common areas and staff quarters with required resources for execution for such activities. The activities to be carried out in terms of daily, weekly, monthly and annually.

In the case of emergency requirements, In-charges of the

Essential Services shall attend immediately and restore system back. On completion of maintenance activities, In-charges of the Essential Services shall prepare detailed report

Chargeable Services

Any services offered to residents of staff quarters, which involves replacements of worn-out components shall be recovered from the residents

Updation of Stock Register

In-charges of the Essential Services shall maintain the stock registers and update them as and when the items are used for carrying out the maintenance activities, In-charges of the Essential Services shall update the consumption pattern for initiating purchase activities.

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

2833

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

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

193

File Description	Documents
Upload any additional information	View File
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/capabilityenhancementschemes
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

3564

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

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

grievances Timely redressal of grievances through appropriate committees	

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

5.2 - Student Progression

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

1280

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

25

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

29

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

16

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 Council:

The student councils are constituted as department associations in the institution. Each Department's Association is led by student as secretary with a group of office bearers as specified in the institution guidelines. The students' association plans and coordinates events like Guest lectures, workshops, technical symposiums, technical events, placement and training programmes from time to time.

Academic Committees:

The students are involved in academic governance through mechanisms like Course Committee, class committee, Board of studies, Academic Council and Institution Innovation Committee. In these committee meetings the suggestions for the enrichment of academic activities offered by the students are considered and appropriate action will be taken.

Administrative Committees:

The students are also involved in administrative committees like

IQAC, Library committee, TBI alumni, Office Bearers of Student Clubs, Hostel committee and Mess committee wherein the students give their suggestions and feedbacks on day to day activities. The Antiragging committee members help the coordinator to create awareness among the students about the consequences of ragging and to curb ragging. The Internal Complaints Committee handles the gender related complaints with the involvement of students. The institution keeps the students updated about the provisions for the students from reserved category through SC-ST Cell.

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

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

18

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	View File

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 Office, Gobichettipalayam. The association has started 15 chapters at various cities nationally and internationally with office bearers and Executive Committee members

The Parent Chapter conducts EC meetings, AGM Body meetings to review and renewal of the association. The Association has a

separate Social network for sharing college and newsletters, Alumni, job opportunities posted by alumni members. Alumni Database updation, issuing alumni ID cards, conducting alumni meet, Chapter formation are some of the activities of the association.

Alumni members extend their support to the Institutionthrough (i) permitting the students to visit their industry (ii) offering the Internships (iii) placement (iv) curriculum development (v) Training the students for placement (vi) Delivering the Guest lectures, Seminars, One credit courses bridge the gap between Industry and Institute. The association also extends its support through scholarships to financially deprived students for their study and medical expenses for members of alumni who are below the poverty line.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://alumni.bitsathy.ac.in

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 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

Teachers participate in decision making bodies including Governing Council, Academic Council, Standing Committee, Board of Studies, Department Advisory Board(DAB) and other Statutory bodies. The administrators provide effective leadership and management at Institutional Level, Department Level, Programme Level and Course Level.

The leadership ensures the compliance of academic and administrative processes and procedures. Continual improvement is ensured through regular systematic audits, checks, and

monitoring by well defined quality assurance methods.

The mentoring system is followed for I, II, and III-year students. The concept of Students Special Interest Group (SSIG) has been initiated among the students. Accordingly, students can form SSIG among their interdisciplinary friends of the same batch (Year) with a maximum of 5 and a minimum of 4 members per team. At present, the number of SSIG students can be a part of is limited to one. Each SSIG team should be guided by a faculty mentor and the mentor selection for SSIG team should be done by the students based on their choice. The achievements of students under the SSIG are published as a Mentor News Bulletin, every month.

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

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

SSIG

To improve technical competency and teamwork, the concept of Students Special Interest Group (SSIG) has been initiated among the students. Accordingly, students can form SSIG among their interdisciplinary friends of the same batch (Year) with a maximum of 5 and a minimum of 4 members per team. At present, the number of SSIG students can be a part of is limited to one. Once formed, each SSIG will be allotted a unique number and their members' details will be updated in the database. Each SSIG team should be guided by a faculty mentor and the mentor selection for the SSIG team should be done by the students based on their own choice. Once SSIG is formed and a mentor is allocated, the students will be given a target of one technical competition per year, two paper presentations per year, two project presentations per year, one patent filing per year, one product development per year, one online course per semester, and one internship per semester. The achievements of students under the SSIG are reviewed on a monthly basis and published as a Mentor News Bulletin, every month.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

Research and Development

To enhance the quality of research works carried out by the students and faculty members, Dr S Jegadheeswaran, Head Academics and Research proposed to purchase Turnitin software licenses to enable researchers check their plagiarism without having to pay additional amount. All the final year student project reports are checked to their originality by using this software. Turnitin is used to provide students with an interactive means of understanding and applying citation and referencing techniques in their work, and provide online grading to academic staff.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
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 BIT administration is headed by a trust of philanthropists. The trust is assisted by an Academic Council and a Governing Council.

The academic council consists of senior academicians nominated by the affiliating university, the Principal and the heads of all departments of the institution. It is assisted by a standing

committee that is in turn guided by a boards of studies that comprise senior faculty members, academicians nominated by the university and representatives from industry. The governing council consists of eminent members from various walks of life, including senior scientists, administrators of renown corporate, and academicians.

The decisions taken at the Governing Council are put into action by the Principal through a Finance Committee, IQAC and a Research Advisory Board. The dissemination of the academics is taken care of by the Deans who in turn are assisted by the Controller of Examinations and the Heads of individual departments. The Heads of Departments manage the staff and the students.

File Description	Documents
Paste link to Organogram on the institution webpage	https://docs.bitsathy.ac.in/about/circulars/bit/Organogram-BIT.pdf
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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	No File Uploaded
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 has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression. The institution provides the Rent-free fully furnished quarters for staff. Group insurance is available for teaching and non-teaching staff. Incentives at 2.5% of the amount sanctioned for faculty Funded Projects, from management, are given and 60/70% of revenue sharing is done to faculty consultancy projects. The institution contributes in the public provident fund/Employees provident fund and Gratuity Scheme. Long Service Allowance is provided to all the teaching and non-teaching staff who have completed 10 year of service at BIT. Transport facilities are available to visit industries for consultancy assignments. The institution provides the Maternity leave scheme for female staff as well as free day-care centre for the wards of faculty is available in the campus. Priority in the admission to the wards of all the staff in college as well as schools (State Board & CBSE) is followed. Above all the ambulance facility is available (24/7) on the college campus.

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

58

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

51

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	**No File Uploaded**

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.)

124

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	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

BIT has appointed qualified Chartered Accountants as external and internal auditors, the objective and scope of internal audit encompasses review of internal control processes, systems and procedures laid down by the management and to ensure that all the process, procedures and guidelines set by the management are implemented and strictly adhered to. Further, it isalso to ensure that the recording of transactions is carried out as per the accounting processes and procedures with appropriate approvals by the management or competent authority. Internal auditors carry out the transactions audit, process review and compliance audits and submit their reports to the management team with the auditee's response and their suggestions. Internal audit and External audit are conducted twice and once in a year respectively. The External and Internal Auditors' reports are reviewed by management and appropriate actions are taken based on the reports. BIT ensures that proper checks and balances are in place with respect to financial aspects and also ensures that the transactions are recorded in books with proper approvals.

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

8.89535

File Description	Documents
Annual statements of accounts	[View File](#)
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

Bannari Amman Institute of Technology being an autonomous institution, primary source of funds is fee collection from students which in general happens at the beginning of the academic year and it shall be invested in fixed deposits and other liquidable forms and it shall be used throughout the year. The institution budgets its fund requirements every academic year and all expenditures are optimally spent based on budgets. Shortfall in funds if any shall be managed from management contributions funded by Bannari Amman Educational Trust.

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

Revision of FAP

Faculty Action Plan is an investigative measure to observe professional effectiveness with the knowledge and expertise of faculty members. Based on this notion, a task board has been set for the individual faculty member according to their designation.For Assistant Professor Level I & II, one Scopus Journal and one Web of Science Journal has been assigned as a target.For Assistant Professor Level II, along with the publication a patent has to be filed.For Assistant Professor Level III, Associate Professors and Professors: one Web of Science, two SCI/SCIE journals and one patent has to be filed.

Wiki media

BIT Wiki is a site that contains multiple pages to provide the complete details about the academics related activities and co-curricular activities of BIT which was created to use within the organization for maintaining its internal knowledge base. BIT wiki was launched in January 2021.It contains the uploaded video lectures for the subjects which can be accessed by students at any point of time. Students find the class schedule for all the subjects and the classroom links for that particular class.

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

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

Video Lectures

BIT has taken the next step in the teaching-learning process by creating digital content for the existing courses. Faculty have created video lectures for the courses they have handled during the academic year 2020-2021. With the rise of the pandemic, the teaching process has totally become online, to facilitate the students and with a notion to improve self-learning video lectures are very useful. Video lectures for 74 courses were created by the faculty members. These videos are uploaded in a common platform, to access them by students.

Online Examination

During the pandemic situation, the end semester examinations for the year 2020-2021 regular and arrear candidates during December 2020 & May 2021 were conducted using 'Examly platform'. The students can appear for the examinations from their home using devices such as laptop/desktop/smartphone/tablet with internet, camera and microphone facilities. Multiple Choice Questions (MCQ) type was used with the same pattern that was followed earlier. Artificial Intelligence powered invigilator feature lets the exam process to be carried out in a highly legit manner by eliminating the need for human invigilators.

Some of the real-time alert features are:

- Face Verification

- Tab switch lock

- Object Detection

- Eyeball/ Head Tracking

- Voice Detection

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

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/footer/usefull inks/naac/iqacmin-atr/
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

Safety and Security: The Institute provides safety features like surveillance camera, biometric systems, concrete compound walls etc. Round the clock monitoring is done by women security guards. Matrons and supervisors taking care of the student's safety. Counseling: Mentoring is done for academic, personal and psycho-socio guidance to the students. Mentor is allotted for every 15 -20 students. Professional Counselors are available for attending specific cases on need basis. Common Room: BIT has a separate room for the girls and separate wash rooms for male, female students and faculty in the academic block. Huts are provided in the girl's hostel to meet their visitors and parents. Recreation rooms are available for the faculty members. Day care centre: The Day care centre is open for children between the ages of 1 to 5 years of teaching, non-teaching staff and students of the College. It is well furnished with toys and games with child friendly environment. Any other relevant information: College has access to the Health Centre, Pharmacy and ambulance is available by 24X7. Napkin vending machine and incineration facility are available in ladies' hostel. Anti-Ragging committee, Anti sexual harassment committee and Women Development Cell are available for the welfare of the 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	No File Uploaded

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

Solid waste management: Dead leaves, vegetable and food wastes are collected everyday are sent to the bio composting yard for the production of 5 to 6 tons of bio-manures. These bio-manures are utilized for organic farming. The sludge from Sewage Treatment Plant (STP) after drying process is used as organic manure. Liquid waste management: STP with a capacity of 25,00,000 L/day is used to treat the waste water collected from the hostels and the college. This treated water is used for the gardening purposes. Biogas plant is generating 200 kW/day utilizing the liquid wastes and used it to run the electrical motors installed at STP without the use of power from TANGEDCO. Biomedical waste management: The biomedical wastes collected are incinerated. The Injected needles are disposed of using needle destroyer. E-waste management: Test and Repair Centre collects the e-waste once in every year and outsource the waste components to external agency. Hazardous chemicals and radioactive waste management: Hazardous wastes are managed with appropriate techniques. There is no generation of radioactive wastes. Waste recycling system: The sludge resulting from STP is converted into organic manure, liquid waste is converted into electrical energy and the recycled water is used for gardening.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
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	**No File Uploaded**
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: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	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, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
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).

International Women's Day is celebrated in our college every year on March 3rd. In this function, a women entrepreneur will be invited and best school principal award will also be given to felicitate and motivate the school principals in and around the district. Pongal Vizha is a grand cultural event celebrated during the month of January yearly in our college premises to make the students to know about the tradition of our state as a part of this programme. Many traditional events like kabhadi, sarukkumaram, paanai udaithal, pongal Vaithal, and many more competitions will be conducted. Navarathri Celebrations is done as another traditional event organized by our college. Kolu of all the gods will be displayed for nine days and competitions for our students and the family members of our faculties will be conducted. And on the final day, a grand pooja will be done for the student's welfare. Apart from the academic education, the students and the faculty will be engaged in socio, economic and cultural related activities such as pattimandram, poetry, dancing and singing by participating in various clubs and society activities.

https://www.bitsathy.ac.in/eventgallery

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

BIT undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, as a small step to inculcate constitutional obligations among the students. Guest lectures and workshops are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving the environment. Ethical Values, rights, duties, and responsibilities of citizens are some of the topics that are enlisted in Elocution, debates, and class presentation

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	No File Uploaded

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

World Language Day is celebrated on February 21, in memory of students Salam, Burkat, Rabeek, Jafar and Shafiur, who died during the struggle to declare Bengali the official language."International Mother Language Day" since 2000. World Mother Language Day reminds India of a great historical fact. Every year on behalf of our Muthamil Mandram, various competitions are held in the college on the eve of Mother Language Day to glorify the Tamil language and culture. 50th National safety day-guest lecture was conducted on 4th March 2020 various events like flag hoisting, pledge administering, safety quiz contest, poster competition, essay writing, guest lectures were conducted. The Importance of Safety is the main motto of this event. The Bharathi festival was held on 21st Dec 2020, on behalf of our Muthamil Mandram. Competitions such as Poetry, Poetry Reading, Song, Reels, etc. were conducted. All the works of the participants were obtained in soft form. NCC of BIT organized International Yoga Day on 21st June 2020, 45 cadets from senior division and senior wing took part in this program. The benefits of asana and the need of meditation were inseminated to all the participants.

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

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

Title of the Practice

Special lab up gradation

Objectives of the Practice

What are the objectives / intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice? (in about 20 words)

Since Product development oriented towards emerging technologies is essential to compete at International level, BIT adapted to implement special labs

The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice? (in about 30 words)

The challenging issues include: Identifying the required Skill-sets and trained experts, Fixing & monitoring of targets, Advisors from Industry need to be appointed as advisory committee members

The Practice

Describe the best practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced? (in about 50 words)

Undergoing Industrial training by every engineering student is essential to improve their employability skills. BIT is providing an industrial atmosphere inside the campus by establishing 58 special-labs which are fully equipped with necessary equipments & consumables, trained full time Engineers to train the students and above all, freedom is provided to the student community to try their ideas into valuable products.

Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate? Describe in about 40 words.

Remarkable rising trend in terms of number of labs emerged (~58), student enrolment (~5021), awards (~224), paper publication (~1321), patents (~186) and product development (~109). Developed new products with the state-of-the-art facilities, identified students and involve them in the process of product development and groomed them as entrepreneurs.The countless intangible benefits viz., students focus, placement enhancement, entrepreneurial spirit, UG projects at par with global standardsetc.,

Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 30 words).

Balancing between regular academics work and special lab task for both Students and Parents, Skilled trainers for training students, developing Interdisciplinary approach, creating awareness among students, separate work area.

Notes (Optional)

Please add any other information that may be relevant for adopting/

implementing the Best Practice in other institutions (in about 30 words).

Any other information regarding Institutional Values and Best Practices which the institution would like to include.

Dean PDS and his team closely monitors the performance in this

area and consequently catalogued all the International Contests, identified talented students, and ensured their participation after proper training.

Received International Best Practices Award – 2021 from Asia Pacific Quality Organisation.

Ref: https://youtu.be/LkJcuO9lSRU

https://youtu.be/cHC91AhQkKA

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The Vision, Mission and Objectives of BIT clearly points towards an outcome/value based education, resulting in centre of excellence providing world-class education through state-of-the-art facilities to members of faculty and student fraternity. To achieve the goal, BIT has established 58 Basics and Applied laboratories with state-of-the-art facilities within the campus for practicing the 5P's. These labs provide 24x7 access for training in the relevant fields/skills. The institution practices the 5P model- Practice of skills for latest technological development, Participation in International/National technical/non-technical events, Product Development, Patent/Publication filing, and Providing solutions to societal problems through Consultancy to achieve the vision through the mission of the institution. These facilities have been created to promote, inspire and educate future generations of scientists, engineers, and technologists to transform their ideas and to develop new innovative products. To enhance the professional development of students, they are provided on-duty, full sponsorship for component purchase, full-time technical experts guidance, the opportunity for participating in national/international competitions/revenue generation through industrial consultancy/development of Commercial product/Filing

patents, etc. The faculties in these labs motivate and guide the students to achieve more in various domains. These efforts have paid rich dividends through excellent results in all the events where BIT participated.

File Description	Documents
Appropriate link in the institutional website	https://www.bitsathy.ac.in/research/speciallabs
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 years: (1) Implementation of BIT Gurugulam - a place where all the required basic skills for engineering graduate is given hands on before entering into the course. (2) Introducing the learning platforms called 'Moodle' and 'MediaWiki'. (3) Enhancing Faculty-Student interaction/discussion through online Discourse forum. (4) 'Task management system' to monitor the daily activities of faculty members, to create a repository for student & faculty data base, activities & achievements etc., (5) Creating Intra- college forums for students from different labs to present their ideas. (6) Enhancement of industry collaboration through special laboratories and Start-ups by product development. (7) Planned to patent the design, methodology, and product developed by the students. (8) Implementation of FRS and FRP with additional beneficiaries for faculty members. (9) Flexible attendance & relaxations are given for students & faculty enabling them to work 24x7. (10) Developing video content for all the courses by offering training to faculty members through CFD for video lectures.