



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

| | | |
|--|--|--|
| 1.Name of the Institution | | AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY |
| • Name of the Head of the institution | | Dr M Sasidhar |
| • Designation | | Principal |
| • Does the institution function from its own campus? | | Yes |
| • Phone No. of the Principal | | 9490797536 |
| • Alternate phone No. | | 9490794017 |
| • Mobile No. (Principal) | | 9490797536 |
| • Registered e-mail ID (Principal) | | principal@amritasai.org.in |
| • Address | | Amrita Sai Nagar, |
| • City/Town | | Paritala post , kanchikacherla mdl,krishna dist |
| • State/UT | | Andhra Pradesh |
| • Pin Code | | 521180 |
| 2.Institutional status | | |
| • Autonomous Status (Provide the date of conferment of Autonomy) | | 10/07/2018 |
| • Type of Institution | | Co-education |
| • Location | | Rural |

| | | | | | |
|--|---|----------------|-----------------------------|-------------------|-------------------|
| • Financial Status | Self-financing | | | | |
| • Name of the IQAC Co-ordinator/Director | Ch. Chinaveeraiah | | | | |
| • Phone No. | 9912676555 | | | | |
| • Mobile No: | 9490797537 | | | | |
| • IQAC e-mail ID | mailmeparitala@gmail.com | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year)) | https://amritasai.org.in/wp-content/uploads/2019-20-aqar_report.pdf | | | | |
| 4.Was the Academic Calendar prepared for that year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://amritasai.org.in/wp-content/uploads/2020-21.pdf | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | A | 3.2 | 2018 | 04/12/2018 | 31/12/2023 |
| 6.Date of Establishment of IQAC | | | 02/12/2015 | | |
| 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 | |
| industry 4.0 | college | college | 12/10/2021 | 1,20000 | |
| 8.Provide details regarding the composition of the IQAC: | | | | | |
| • Upload the latest notification regarding the composition of the IQAC by the HEI | View File | | | | |
| 9.No. of IQAC meetings held during the year | | | 4 | | |
| • Were the minutes of IQAC meeting(s) and | Yes | | | | |

| | | |
|---|------------------|--|
| compliance to the decisions taken uploaded on the institutional website? | | |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
| 10. Did IQAC receive funding from any funding agency to support its activities during the year? | No | |
| <ul style="list-style-type: none"> If yes, mention the amount | | |
| 11. Significant contributions made by IQAC during the current year (maximum five bullets) | | |
| <ul style="list-style-type: none"> Revenue generation through R and D and Consultancy | | |
| Focus on Training the students in technologies as per Industry requirement | | |
| Focus on Training the students on Entrepreneurship Development | | |
| Internal Academic audits for all programmes | | |
| Motivating faculty members and students towards online learning | | |
| 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 |
|--|--|
| 1.Motivating faculty members to apply for Government funding | 1. Institution encourages all eligible faculty to apply funding schemes |
| 2. Focus of Placement Oriented skills for students | 2.Training Programs (CRT and Company Specific) were conducted for students. Outcome Achieved Considerable Improvement in Quality of Placements. |
| 3. Focus on Student Skill Development /Industry oriented training | 3.AICTE QIS- SC/ST Skill and Personality Development Programme for SC/ST Students , 10 Guest Lectures/Seminars/Workshops were arranged for the benefit of students , most of them by Industry experts |
| 4. Focus on Research by faculty members | 4. Senior Faculty Members are guiding 1 Research Scholar each as a part of the Research Centre facility granted by the JNTUK, Kakinada , 2 Patents were published ,12 Research papers were published in International Journals/Conferences |
| 5. Focus on Extension Activities | 5. Total of 11 Social Service Activities were organized by NSS Unit. • Sahaaya (Social Service) , CSE has done 3 social service activities |
| 13.Was the AQAR placed before the statutory body? | Yes |
| <ul style="list-style-type: none"> Name of the statutory body | |
| Name of the statutory body | Date of meeting(s) |
| Governing body | 14/08/2021 |
| 14.Was the institutional data submitted to | Yes |

| | |
|--|--------------------|
| AISHE ? | |
| <ul style="list-style-type: none"> • Year | |
| Year | Date of Submission |
| 2021 | 29/01/2022 |
| 15.Multidisciplinary / interdisciplinary | |
| <p>In line with the recommendations of the NEP 2020, Amrita Sai Institute of Science and Technology is continuously strives to transform itself into a holistic multidisciplinary institution. Several interdisciplinary courses have been incorporated into the UG Curriculum for the benfit of the students community.</p> | |
| 16.Academic bank of credits (ABC): | |
| <p>The institution has registered under the ABC to permit its learners to avail the benefit of multiple entries and exit during the chosen programme. To fulfil the requirement of Academic bank of credits as proposed in NEP 2020, all the students are encouraged to register in the ABC portal and get an ABC id. Institution was registered with NAD as a part pf digilocker. NADID : NAD017955</p> | |
| 17.Skill development: | |
| <p>Skill oriented courses have been introduced into the curriculum. Courses pertaining to Soft skills, campus recruitment Trainings, Technical Skills classes , special programs offered for all students irrespective of branch like Cyber security, Cloud computing,web and mobile development, data science etc. to improve the placement oppurtunities.</p> | |
| 18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course) | |
| <p>As per the Guide lines given by APSCHE Efforts are being made to incorporate aspects of Indian culture into the curriculum. Due to COVID-19 teaching was done in hybrid mode .</p> | |
| 19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE): | |
| <p>At ASIST, Outcome based education (OBE) is incorporated into the Teaching Learning Process. Curriculum is designed by considering all OBE parameters. Course Outcomes for all courses are designed. Mapping of the outcomes to all courses is done. All Internal and External Question papers are mapped to the Blooms taxonomy.</p> | |

Implementation of Outcome Based Education (OBE) in the Curriculum: The initial phase for ensuring academic quality is the design of the curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations.

The next phase, the Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program. An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes. Specific to every program, we have 3-5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni. The Institute keenly observes the attainments of PEO, PO and PSO for the respective programs which intern relates to Vision and Mission of the institution and Department as well.

20.Distance education/online education:

Amrita Sai Institute of Scienc and Technology is comitted to provide education with quality delivarables in this connection we encouraged our faculty and students to use LMS Platforms for learning and practice , power point presentations, Evidya portal are used for teaching learning activities. Due to COVID-19 teaching was done in hybrid mode. All the students are encouraged to learn through online and physical practice.

Extended Profile

1.Programme

1.1 4

Number of programmes offered during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.Student

2.1 2087

Total number of students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional data in Prescribed format | View File |

2.2

622

Number of outgoing / final year students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.3

2087

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

16

Number of courses in all programmes during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

3.2

198

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 4

Number of programmes offered during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.Student

2.1 2087

Total number of students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional data in Prescribed format | View File |

2.2 622

Number of outgoing / final year students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.3 2087

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 16

Number of courses in all programmes during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

3.2 198

| | |
|--|------------------|
| Number of full-time teachers during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | No File Uploaded |
| 3.3 | 4 |
| Number of sanctioned posts for the year: | |
| 4.Institution | |
| 4.1 | 1050 |
| Number of seats earmarked for reserved categories as per GOI/State Government during the year: | |
| 4.2 | 57 |
| Total number of Classrooms and Seminar halls | |
| 4.3 | 625 |
| Total number of computers on campus for academic purposes | |
| 4.4 | 35787696 |
| 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 Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Primary objective of the institute is to create Techno-Managerial power for the global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in regional and global level with all necessary fundamentals. Factors for Curriculum Design: The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude.

The factors considered for design of curriculum are: (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE, (iii) The Program Specific Outcomes of professional bodies, (iv) Suggestions by industry experts and alumni, (v) Syllabi of various competitive exams like GATE, IES, etc, Process for Curriculum Design: The initial version of the curriculum is prepared by having the above design criteria, through discussions with stakeholders. The proposed curriculum is then discussed in DAB (Department Advisory Board) and is put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members. The curriculum is then placed for approval during the Academic Council (AC). Curriculum is finally evolved and published in www.amritasai.org.in. The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders. In last five years the syllabus of UG programmes was revised in 2018 and 2020.

| File Description | Documents |
|---------------------------------------|---|
| Upload additional information, if any | View File |
| Link for additional information | https://drive.google.com/file/d/1h022IR6_W-6jUDM2_cPfiOhnAn0dyF_0/view?usp=drive_link |

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

16

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

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

313

| 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 | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

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

313

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

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

16

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

1.3 - Curriculum Enrichment

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

In order to integrate the cross-cutting issues relevant to gender,

environment and sustainability, human values and professional ethics, The College has imbibed different types of courses in the curriculum, some enhance professional competencies while others aim to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students. The courses on Ethics, Human Values, Human Resources & Organizational Behaviour and Community Outreach (HVC O) through NSS and courses which are embedded in the curriculum of all Programmes. 1. Gender Sensitivity As part of the Ethics and Values course, students are required to address the issues related to women empowerment, female, child abuse, responsible living and others.

Course on Constitution of India addresses the aspects related to - Women, Minority, Equality and Environment', 'Gender, Caste and Law' are offered. 2. Human Values and Professional Ethics A course of one credit on human values "Engineering and Society" is offered as Mandatory course to all the students to take during the programme of study. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. 3. Environment studies In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all Programmes. Environment Day, Earth Day, Water Day are celebrated every year, where students actively participate. Workshops and seminars on various aspects of environment sustainability are organized periodically.

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

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

5

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

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**563**

| 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**440**

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

1.4 - Feedback System

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

A. All 4 of the above

| File Description | Documents |
|---|---|
| Provide the URL for stakeholders' feedback report | https://docs.google.com/forms/d/e/1FAIpQLSfZQTDWXnDHxwWW_f2q65e00rG5lj7urQMrR7HNa4ThEnB_Wg/viewform?usp=sf_link |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | View File |

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

| File Description | Documents |
|---|---|
| Provide URL for stakeholders' feedback report | https://forms.gle/KNVWfMyYl4VsrVdw5 |
| Any additional information | View File |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

643

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| 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)

318

| 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.

The institution adopts well planned procedures to address the issues of diversity in students' learning levels. The college has a well- established counseling system/mentorship system in place. Students are assigned to identified faculty who act as their mentors/counselors. They conduct regular meetings with their student mentees to monitor their academic progress. The actual categorization of students into slow, average and advanced learners is based on their performance in mid-1 internal examination and continuous follow-up taken up thereafter till the course completion by the concerted efforts of teaching faculty, course coordinator and Head of the department. The following are activities conducted for slow and advanced learners. I. Special activities conducted for slow learners:

- Remedial classes are arranged for the slow learners identified in mid-1 examination during or beyond the regular class schedule on specific days for each course and individual attention is paid for improving the students' level of learning, problem solving and presentation.
- Slow learners are further assisted through counseling by mentors. Most of the students' problems resolved by these efforts and if felt necessary, the parents are called in for additional help to their ward.
- Conduction of extra classes to those who failed in previous semester subjects.

II . Activities to support the advanced learners

- College conducts special training programs on soft skills, CRT etc.
- Students are encouraged to register NPTEL - MOOCs, paper presentations, Internships .
- Participate in inter collegiate fests.
- Conduct workshops by APSSDC covering cutting edge technologies.

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

2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 01/06/2020 | 2774 | 178 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

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:

The institution adopts both traditional as well as advanced methods to enhance learning experiences. Especially we focus on solving real time case studies taken from the industry, conducting group discussions, debates, seminars, business games, etc. For final year students, we provide real time experiences through mini projects, internships and short visits. Participative learning is encouraged through conducting various events both at branches as well as college level. Problem-solving skills are improved by discussing real time case studies taken from the industries.

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

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

Amrita Sai Institute of Science and Technology encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. In the Department we have 17 Classrooms, 2 Seminar Halls and 5 Computer Labs all are equipped with LCD Projectors.

College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Department: ICT Tools: 1. All Classrooms are equipped with LCD Projectors. 2. Desktop are arranged at Computer Lab and Faculty cabins. 3. Seminar Rooms- 2 seminar halls are equipped with all digital facilities 4. Online Classes through Zoom, Google Meet, Google Classroom. 5. Using online coding Platforms EBOX, Edyst, HackerRank, HackerEarth, codeChef. 6. MOOC Platform (NPTEL, Coursera, Udemy etc).

7. Learning Management System (LMS) is used for conducting On-line classes during COVID times

Use of ICT by Faculty: 1. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations. 2. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students. 3. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

| File Description | Documents |
|--|---------------------------|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | Nil |
| Upload any additional information | View File |

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

2.3.3.1 - Number of mentors

1:15

| 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 | No File Uploaded |

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

Preparation and Adherence to Academic Calendar:

The institution prepares the Academic calendar every year in advance. The academic calendar contains the academic schedule of each semester in that academic year and the schedule of Co-curricular and Extra-curricular activities. The Head of the department (HOD) along with the senior faculty members prepare the time tables by correlating the working days

available and coverage of curriculum of the courses.

Continuous monitoring is done by the Director of Academics and HOD to ensure adherence to the Academic Calendar.

Preparation and Adherence to Teaching Plan:

The concerned Course Coordinator prepares the Teaching plan for the respective course in coordination with the other course handling faculty and gets it approved by the concerned Module Coordinator and concerned HOD. These plans are prepared well in advance and serve as guide for conducting the regular classwork. Director of Academics and HODs check the progress of each course and ensure timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

| 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

178

| 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 | No File Uploaded |
| 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

14

| 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)

178

| 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

15 days

| 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

0

| File Description | Documents |
|---|------------------|
| Upload the number of complaints and total number of students who appeared for exams during the year | No File Uploaded |
| 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

There has been several positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment. Amrita Sai Institute of Science and Technology is committed to develop an efficient and flexible continuous evaluation system with emphasis on a high quality teaching-learning process. The CGPA (Cumulative Grade Point Average) system of evaluation which has built-in continuous and comprehensive evaluation is adopted for all programmes offered by the institution.

ASIST LMS Portal is used for all Student related activities. URL of this portal is

<http://tests.amritasai.in/>

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | http://tests.amritasai.in/ |

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. They are displayed at various locations and conveyed at different events viz.:

Website

Curriculum /regulations books Class rooms

Department Notice Boards Laboratories

Student Induction Programs

Meetings/ Interactions with employers Parent meet

Faculty meetings Alumni meetings Library

| 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

The method of assessment process upon which the evaluation of course outcomes of any programme are as follows:

For evaluation of all course attainments, we adopted two categories of attainments namely direct attainment and indirect attainment. Direct attainment includes Internal Examinations conducted by the College and External examinations are conducted by the College. The internal examinations are conducted twice in a semester and external examination at the end of each semester. Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels Program shall have set Course Outcome attainment levels for all courses. Measuring of Course Attainments However we started the micro level analysis i.e. CO level analysis from the Academic Year 2018-19 onwards. For obtaining course attainments we have considered the following weightage. Micro Level: Direct Assessment (90%)

30% weightage for internal assessment. 70% weightage for external assessment.

Indirect Assessment (10%)

Indirect assessment based on course end survey.

Attainment of Program Outcomes and Program Specific Outcomes :

The process has been initiated with the identification of all the courses during four years of study along with their relations with POs and PSOs. Attainment of outcomes for each course is recorded which in turn reflects the attainment of related PO as well as PSOs.

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

2.6.3 - Pass Percentage of students

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

417

| 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://forms.gle/KNVWfMyYl4VsrVdw5>

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 Institution has approved a well-defined policy for promotion of research as part of HR policy for supporting Research and Consultancy by the Faculty of Amrita Sai Institute of Science and Technology. In this regard Faculty members are awarded incentives for publishing quality research in Free SCI, SCIE, Scopus, and UGC care Group-1 listed Journals, Books and Chapters. The faculty members are supported to attend Conferences/ Seminars. Faculty are incentivized in monetary terms for their research papers published in internationally recognized and globally accepted top journals. The college encourages its teachers to undertake consultancy for revenue generation and they will be incentivized in monetary terms for their consultancy projects. With regard to sponsored research projects, the Institute has a well-crafted policy. The Institute strives to get such projects from the government agencies. In this regard the college is carrying out two on-going major research projects. Apart from improvements in research infrastructure, to carry out these projects research facilities are frequently updated based on the requirements. The institute has a research committee comprising the Director R&D, Head of the respective department, and course expert of the department.

This committee reviews respective research proposals and monitors the impact of research and consultancy.

| 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://amritasai.org.in/wp-content/uploads/2023/07/062bfa78-590c-40f1-90c0-533721f872e4.pdf |
| Any additional information | View File |

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

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

3

| File Description | Documents |
|---|---------------------------|
| Minutes of the relevant bodies of the institution regarding seed money | View File |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | View File |
| List of teachers receiving grant and details of grant received | View File |
| Any additional information | No File Uploaded |

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

0

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

0

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

3.2.2 - Number of teachers having research projects during the year

0

| File Description | Documents |
|---|------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | Nil |
| List of research projects during the year | No File Uploaded |

3.2.3 - Number of teachers recognised as research guides

2

| 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

0

| File Description | Documents |
|---|------------------|
| Supporting document from Funding Agencies | No File Uploaded |
| Paste link to funding agencies' website | Nil |
| Any additional information | No File Uploaded |

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.

Microelectromechanical Systems (MEMS) are coupled multi-domain systems and, therefore, are difficult to design without expertise in a diverse set of fields. To address this problem, Centre for Research in Microelectromechanical Systems (CRMS) is established to motivate the research activities in developing schematics for micro sized multidisciplinary systems or devices. The Research Centre is equipped with design, simulation and analysis facilities for MEMS devices using COMSOL, Intellisuite software, CST and HFSS. It is actively involved in R & D activities for the development of MEMS based devices in the following multidisciplinary areas:

- MEMS based Sensors for Space Applications.
- Bio-MEMS sensors for Medical Applications.
- RF MEMS switches for Reconfigurable Antenna Communication.
- MEMS based Accelerometers.
- MEMS Filters for wireless communications.
- MEMS Piezoelectric Energy Harvesters.
- Microchannels and Mixers for Fluid interactions

EDC (Entrepreneurship Development Cell) was established with a vision to bridge the gap between Industry and Academia. The cell undertakes several activities for student development wherein the student gets corporate exposure while studying and develops a spirit of entrepreneurship.

IoT Lab is a spot where students and scientists work together on solving IOT related problems. Laboratory provides test bed and state of the art equipment that is used to create new and interesting products that augment everyday life. Isaac Asimov SPACE Centre was established in 2016 to cater to the technological development and exposure of the students. Regular sessions will be carried out for providing training.

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

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

2

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

4

| 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

12

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

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

5

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

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

1

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| 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

1

| File Description | Documents |
|--|---------------------------|
| Bibliometrics 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)

0

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

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

0

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

3.6 - Extension Activities

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

As a part of ASISTExtension activities , our students take part in NSS Activities.

The objectives of these activities are:

1. Identify the needs and problems of the community and involve them in problem solving process.
2. Develop a sense of social and civic responsibility among themselves.
3. Utilize their knowledge in finding practical solution to individual and community problems.
4. Develop competence required for group-living and sharing of responsibilities.
5. Gain skills in mobilizing community participation.
6. Acquire leadership qualities and democratic attitude.
7. Develop capacity to meet emergencies and natural disasters.
- 8.Practice national integration and social harmony.

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

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

0

| File Description | Documents |
|--|------------------|
| Number of awards for extension activities in during the year | No File Uploaded |
| e-copy of the award letters | No File Uploaded |
| 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)

1

| File Description | Documents |
|---------------------------------|---------------------------|
| Reports of the events organized | View File |
| Any additional information | No File Uploaded |

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

100

| File Description | Documents |
|----------------------------|---------------------------|
| Reports of the events | View File |
| Any additional information | No File Uploaded |

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

0

| File Description | Documents |
|--|------------------|
| Copies of documents highlighting collaboration | No File Uploaded |
| 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)

0

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has adequate physical and academic facilities required as per University Grant Commission guidelines to run the different programs.

The college has a sprawling campus of 10.39 acres.

The various departments are located in separate blocks.

The Classrooms, Laboratories and Seminar Halls are well equipped along with computing system and Internet facility. The college has spacious playground for sports activities. The college has cultivated an atmosphere providing the importance to Extra Curricular and support services organized by National Service Scheme (NSS) Unit.

The college campus is well maintained with cleanliness.

The college is well-equipped with the physical and technology-enabled infrastructure that supports to run smoothly the existing academic programmes and administration.

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

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

Amrita Sai Institute of Science and Technology, with its Core Courses and the continuous evaluation scheme, integrates sports, games and cultural activities as extra-curricular components.

Details of Sports and Games Activities:

The total area of sports and games fields is 5 acres of total playground including indoor and outdoor. ASIST has play area with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho. Another field provides Indoor and outdoor badminton courts and gymnasium are available.

Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carom boards, table tennis and chess, gymnasium and cultural activities also exist in the campus.

Qualified Physical Directors are been appointed to take care of day to day games and sports activities of the college. College teams are formed to take part in state level and University level competitions and other intercollegiate competitions.

Details of Cultural Activities :

As cultural activities are an integral part of the study, the students are permitted to participate in various cultural activities

inside and outside the campus. Music Club and Dance club encourage students to follow their creative pursuits

| 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

42

| 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)

10991227

| File Description | Documents |
|--|---------------------------|
| Upload audited utilization statements | No File Uploaded |
| 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 is automated. It is Integrated Library Management System. Also known as a library management system used to track items, bills paid, and who have borrowed Issues and Returns through SMS Alerts for users mobile

Acquisitions (ordering, receiving, and invoicing materials)
Cataloging (classifying and indexing materials),

Circulation (lending materials to patrons and receiving them back)
Serials (tracking magazine, journals, and newspaper holdings)

Online public access catalog or OPAC (public user interface)

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

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

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

280000

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts | No File Uploaded |
| 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

157

| 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

Amrita Sai Institute of Science and Technology is facilitated with extensive computing infrastructure. The College upgrades ICT enabled infrastructure periodically by procuring suitable software and hardware for the enhancement of teaching-learning and networking capabilities. The IT policy of the College ensures authenticity of installation of software tools, responsibility of maintenance and timely renewal of relevant software of the Institution. CCTV surveillance cameras are installed to increase security in the campus. Online Services to Students Online Fee payments Online Mark statements Online Feedback mechanism

Online provisional results

| 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 |
|--------------------|---------------------|
| 1:4 | 621 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus A. 50 Mbps

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

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

| File Description | Documents |
|--|------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | Nil |
| List of facilities for e-content development (Data Template) | No File Uploaded |

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)

10991227

| File Description | Documents |
|-----------------------------------|---------------------------|
| Audited statements of accounts | View File |
| Upload any additional information | No File Uploaded |

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

The college has skilled and qualified manpower for executing maintenance activities across all departments

Academic facilities like laboratories, classrooms, workshops, seminar halls are maintained

The general facilities like sports & games rooms, restrooms are also maintained

General maintenance is taken care by a Supervisor and his subordinates who oversee the cleanliness of the buildings, classrooms, labs, furniture, seminar halls, conference hall, campus ground, sports facilities etc.

The Heads of Departments report to the higher authorities periodically via (Administration portal) for the maintenance of physical facilities

Minor issues / repairs are maintained in a log book Supporting staff look after the maintenance of generators, lighting loads, solar plant etc.

The institution has System Administrator with a team of subordinates to oversee the maintenance of computers and related accessories. The maintenance works include replacement or repair of computers and accessories, hardware upgradation, software installation and upgradation, Wi-Fi maintenance, troubleshooting issues etc.

Regular monitoring of the equipment is done by the supporting staff of all the departments and status of computers and associated equipment are sent to the System Administrator for necessary action

Maintenance of sports facilities is taken care by physical education department headed by physical education trainer and supporting staff.

| 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

1774

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

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

12

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

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 | Nil |
| Details of capability development and schemes | No File Uploaded |
| Any additional information | No File Uploaded |

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

660

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

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

A. All of the above

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

5.2 - Student Progression

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

189

| File Description | Documents |
|---------------------------------------|------------------|
| Self-attested list of students placed | No File Uploaded |
| Upload any additional information | No File Uploaded |

5.2.2 - Number of outgoing students progressing to higher education

78

| File Description | Documents |
|---|------------------|
| Upload supporting data for students/alumni | No File Uploaded |
| Details of students who went for higher education | No File Uploaded |
| 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

19

| File Description | Documents |
|--|------------------|
| Upload supporting data for students/alumni | No File Uploaded |
| Any additional information | No File Uploaded |

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

24

| File Description | Documents |
|--|------------------|
| e-copies of award letters and certificates | No File Uploaded |
| Any additional information | No File Uploaded |

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

Various students are members of the College Level Anti-ragging Committee, Women Grievances Redressal Committee and Internal Quality Assurance Cell. At the Department Level, students are members of Classwork Review Committee. Students communicate with the Dean, Academics, Head of the Department and Class

Coordinators regarding the academic aspects and issues(if any).

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution**2**

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

5.4 - Alumni Engagement

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

ASIST has Alumni Association and it provides an interface for establishing a link between the alumni, staff, and students of the institute. ASIST alumni are currently working at various positions all over the globe and proving their mettle in all spheres of management. The Alumni Contribution through various means Viz.

Alumni interaction, Placement & career guidance assistance, visit ASIST as campus recruiters, providing internship opportunities, Organizing entrepreneurship awareness programs and Promoting Institute Events etc.

ASIST alumni members are active members of various committees of the college and conduct various guest lectures and workshops for the students on latest industry oriented technologies. Our Alumni Association plays a very supporting role in the overall development of the college.

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

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

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the institution is reflective:

Board of Governance (BOG) is a deciding component of organizational effectiveness and a crucial part of the functioning of an organization. Good governance ensures that objectives are realized, resources are well managed, and the interests of stakeholders are protected and reflected in key decisions.

At ASIST, BOG has been constituted as per the norms to oversee the operations of the institute and provide guidelines for proper functioning of the institute.

The BOG meets at regular intervals and reviews the operations of the institution and provide guidance for further improvements keeping vision and mission, in view.

Faculty are represented in all decision making bodies of the institute namely, Board of Governors(BOG), Academic Council (AC), Board of Studies (BOS), Internal Quality Assurance Cell (IQAC) etc.

The empowered team of the college involves Principal, convener of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student Class Representative (C.R.), stakeholders, and alumni. The principal monitors the

mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, NSS, Placements cell, library and sports committee, cultural and literary clubs, internal examination committee, anti-ragging committee, disciplinary committee, grievance redressal committee, etc. All the committees take its responsibility for the plans and activities, and successfully tackles these responsibilities in every academic session.

| 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

The leadership of the college through periodical review meetings of various committees constituted for bringing improvement in the governance of the college activities monitored and brought substantial improvements. The major committees are Board of Governance Committee, Academic Council Committee, IQAC Committee, Research Cell, Training & Placement Cell, Alumni Committee, Grievance Committee, Discipline Committee, R and D Committee, Sports Committee, and Anti-Ragging Committee, Cultural Club etc.

The recommendations of these specialized internal committees were subsequently considered and monitored by the college authority bodies such as Academic Council for further implementation. Such steps give clear goals and mission to the stake holders and brought a positive culture of belongingness among the faculty members, resulted innovation and vast improvements in the college governance.

| File Description | Documents |
|---|------------------|
| Upload strategic plan and deployment documents on the website | No File Uploaded |
| Upload any additional information | No File Uploaded |
| 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
Strategy

Details of Implementation

Encourage research culture among faculty and students

Faculty members are expected to submit proposals for research grants to the external funding agencies. For the publications indexed in SCI (Web of Science) or Scopus or UGC listed, the incentives are given as per HR policy. And other measures are:

Encourage teachers to present research papers in seminars and research conferences.

Promoting faculties to undertake minor and major research project.

Focus on Human Resource Advancements

Focus on Human Resource Advancements

Encouraging the faculty to improve qualifications and updating their knowledge through participation in FDPs, Seminars Conferences etc.

Industry Interaction / Collaboration

HRs of various Industries are invited to the campus for interacting with the students and making the students familiar with industry requirements. MOUs are signed with industries for

Internships, online training and placements.

Admission of Students

Every year EAMCET counseling Awareness program is conducted for guiding the prospective students in the right direction for admissions

Make students more employable

Providing various courses which will help in increase students' practical knowledge

Encouraging students to enroll in MOOCs courses at free of Cost

Periodic interaction with the distinguished guests who have excelled in their field

Maintain continuously good academic performance

Increasing students' engagement in learning

Motivating students by periodic interaction with distinguished guests

To develop and execute effective teaching- learning process ICT-based teaching

Maintaining Proper Discipline

Recommends Installation of CCTV Cameras at relevant places and other measures to maintain the discipline.

| File Description | Documents |
|--|------------------|
| Strategic Plan and deployment documents on the website | No File Uploaded |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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 institute has a vision 'To be a premier technological institute striving for excellence with global perspective and commitment to the Nation'. The leadership of ASIST is through participative management all the way through structured organizational system with the involvement of all the Stakeholders.

The key components of organizational structure of the college are Governing Body, Principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. It reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies the financial and recruitment strategies.

As per the university/ government guidelines, IQAC Cell, Anti-ragging Cell etc. are also in place for the institution. There are various committees with well-defined functions that give academic and administrative leadership to the institution.

ASIST follows the service rules according to the AICTE norms. It is displayed on the college website too. Recruitment process is carried out according to the norms of the University, a body comprising of management representative, Principal, external subject experts decides the worthiness of the candidates by his/her performance in the interview according to the parameters specified by University.

Grievance redressal committee is formed including Principal, HODs' and teacher's representative who looks into the matters related to grievances of staff and students. Suggestion/complaint box is kept near the Principal office/Admin office for the same. Also, every student has assigned a mentor.

| File Description | Documents |
|---|------------------|
| Paste link to Organogram on the institution webpage | Nil |
| 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 | No File Uploaded |
| Details of implementation of e-governance in areas of operation | No File Uploaded |
| 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

In Amrita Sai Institute of Science and Technology, Staff welfare is given foremost importance. In connection with this, existing welfare measures for teaching and non- teaching staff are itemized below:

Medical Insurance

Maternity benefits as per norms

Faculty members are eligible for Earned Leave Summer Vacations for faculty members

Medical leave Wi-Fi facility. Free Cafeterias

Sports facilities

Gym is also accessible for the staff. Transport on reasonable cost.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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

27

| 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) | No File Uploaded |

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

4

| File Description | Documents |
|--|------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | No File Uploaded |
| 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.)

19

| File Description | Documents |
|---|------------------|
| Summary of the IQAC report | No File Uploaded |
| Reports of the Human Resource Development Centres (UGC ASC or other relevant centers) | No File Uploaded |
| 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

Internal Financial Audits

The Institution has an Internal Audit Team within the organisation to cover regular Review of day to day transactions, Physical Verification of Fixed Assets, Review and reporting on the Internal Controls and its sufficiency and check on Statutory Compliances. This audit includes examining internal controls around accounting, financial reporting, and general controls. Audit team examines validity and reliability of financial, accounting and other data and reports any deviations. The Team completes the audit as per the scope and reports its findings on regular basis.

External Financial Audits

External Auditors have been appointed by the institution as per the statutory requirement.

The External Auditor conducts audit in accordance with the Generally Accepted Accounting Policies, applicable Financial Reporting Framework, Statutory Provisions and regulations, etc.

The Auditor conducts audit in compliance with the auditing standards.

Auditor conduct audit and draws conclusion on the Financial Statements. Their main role is examination of the validity of financial records of the institution

It also reviews the entities accounts to show that they are accurate and complete.

| 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)

100000

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

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

The institution always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. ASIST is a self-financed private institution, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non Government agencies and consultancy projects are added on resources for mobilization of funds. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.

All the administrative and academic heads along with coordinators of different cells viz., research committee, placement cell, library advisory committee (for the purchase of books / journals), purchase committee (for repair and maintenance cost) software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures, NSS cell, sports, cultural committee etc., will submit the budget requirements for the coming academic year. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendations of the principal and management.

All the major financial decisions are taken by the institute's Governing Body (GB). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated accordingly the quotations called and purchase orders are placed after final negotiations.

| 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)

IQAC is an effective and efficient internal coordinating and monitoring mechanism. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted. Some of the Quality initiatives taken by the Cell are:

1. Motivating faculty members to apply for Government funding
2. Focus of Placement Oriented skills for students
3. Focus on Student Skill Development /Industry oriented training
4. Focus on Research by faculty members
5. Focus on Extension Activities
6. Motivating Faculty Members and students for self learning via MOOCs courses
7. OutcomeBased Education Orientation

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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

Since the establishment of the IQAC Cell in the college, It has played a major role in the academic reviewing porcess. It started working towards quality education and inculcating quality culture among the students and staff. The IQAC has contributed towards improving the quality assurance strategies and developed various processes as follows:

1. Implementation and timely review of Outcome-Based Education (OBE) processes in each program.
2. Outcome Based Education (OBE) orientation for all newly joined faculty members
3. Focus on Enhanced Placement oriented skills training for students to enhance personality and employability
4. Establishment and review of various processes for feedback/surveys from various stakeholders.
5. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.
6. Monitoring of the Mentor-mentee process and its effective implementation.
7. Frequent Review of Course Files maintained by the faculty members
9. To submit the Annual Quality Assurance Report (AQAR) to the NAAC
8. Review of the Academic Audit process

| 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

A. Any 4 or all of the above

ISO Certification)

| File Description | Documents |
|--|------------------|
| Paste the web link of annual reports of the Institution | Nil |
| Upload e-copies of accreditations and certification | No File Uploaded |
| Upload details of quality assurance initiatives of the institution | No File Uploaded |
| Upload any additional information | No File Uploaded |

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**

At ASIST, equal opportunities are provided to all individuals irrespective of gender. Security and Safety of the staff and students are given utmost importance and priority. Following steps are taken for the Women staff and girl students:

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

Security checkpoints are provided at all campus entries and exits.

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

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

Sufficient lighting is provided in the campus during nights in case of extension of regular hours for placements or cultural activities

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

Women Grievance Redressal Cell interacts regularly with girl students and resolves the issues if any

Various complaint boxes are arranged at different locations in the campus to receive grievances or suggestions from the students which are addressed by respective committees

Student mentoring is done regularly by the Faculty members to counsel the students regarding academic performance, career plans and personal issues

Gender Sensitization programmes are conducted for Girl students and Women Staff

Separate Sports Events are conducted for Girl students and Women Staff

Various competitions are conducted to bring awareness among students on Women related Laws and Constitution of India Girls waiting halls are provided in each block in the campus with required facilities

Facilities like Automatic Sanitary Napkin Vending Machine and Sanitary Napkin Incinerator are provided in the campus

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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 | No File Uploaded |
| 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)

At ASIST, several methods for managing degradable and non-degradable waste are used. The primary focus is to reduce, reuse

and recycle the waste.

Several color segregated dustbins are used for the different types of waste like wet waste and dry waste

For solid waste management, different bins have been placed at multiple locations.

Every day the waste is collected in bins and disposed in a proper manner.

Single use plastic is avoided.

For better handling of Sanitary Waste, Environment friendly Sanitary Napkin Incinerators have been provided in college campus and girls hostel campus.

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. Restricted entry of automobiles

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

| File Description | Documents |
|--|------------------|
| Geotagged photos / videos of the facilities | No File Uploaded |
| Various policy documents / decisions circulated for implementation | No File Uploaded |
| Any other relevant documents | No File Uploaded |

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

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

A. Any 4 or all of the above

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

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | No File Uploaded |
| Certification by the auditing agency | No File Uploaded |
| Certificates of the awards received | No File Uploaded |
| Any other relevant information | No File Uploaded |

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres
Disabled-friendly washrooms Signage**

A. Any 4 or all of the above

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

| File Description | Documents |
|--|------------------|
| Geotagged photographs / videos of facilities | No File Uploaded |
| 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 | No File Uploaded |

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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

ASIST is proactively taking efforts in providing an inclusive environment. Several initiatives to promote better education, economic upliftment of the needy are implemented.

No intolerance towards cultural, regional, linguistic, communal socio economic and other diversities is accepted . With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Swami Vivekananda, Netaji Subhash Chandra Bose, Sarvepalli Radhakrishnan, Srinivas Ramanujan, Sir Mokshagundam Visvesvaraya, etc.

NSS Units of our college organize and participate in various programmes related to social issues

NSS volunteers and students of Sri Vasavi engineering college helped the people who suffered a lot due to Covid-19 in the

lockdown period.

National Youth Day is celebrated to commemorate the birthday of Swami Vivekananda

NSS unit celebrated 150th birth anniversary of Mahatma Gandhi NSS unit conducted an awareness campaign on Pulse Polio for the parents to take their kids for pulse polio drops in nearby village Pedatadepalli.

Parakram Diwas was celebrated to commemorate 125th birth anniversary of Netaji Subhas Chandra Bose by NSS unit Gender Sensitization: Equal Opportunities Workshop for Girls students was conducted on International Womens' Day Awareness program on Drug De-Addiction for students was conducted. Psycho Social Support Cell (PSSC) is formed by NSS Cell for providing Psycho Emotional Service, Medical Service, Social Service.

| 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:

At ASIST, various activities are conducted for Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens. Some of the activities are:

Women Grievances Cell organized Gender Sensitization: Equal Opportunities Workshop for Girls students on 8th March 2021, International Womens' Day. An online Quiz was conducted on Legal Awareness and Constitutional Rights for Girl students

Every year Republic day is Celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution

Ethics Committee of the institution is constituted with senior faculty members Students are made aware about the code of ethics, human values, rights, duties and responsibilities as a citizen of India during induction as well as other programmes throughout the year.

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

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

At ASIST, various national and international commemorative days are celebrated/observed such as:

International Yoga Day on 21st June 2020 Teachers Day on 5th September 2020 Engineers Day on 15th September 2020

150th birth anniversary of Mahatma Gandhi on 02/10/2020 National Youth Day on 12th January 2021

Parakram Diwas on 15th January 2021 Republic Day on 26th January

2021 International Women's Day on 8th March 2021 Police
Commemoration Day on 22 October 2021

National Mathematics Day is celebrated on 22 December 2020/ 2021

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

7.2 - Best Practices

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

Two Best Practices:

1) Focus on Employability Skill Development:

True to its vision, ASIST strives to provide multifaceted training for students to make them industry ready and enable them to achieve excellence in their chosen field.

At ASIST, the department of Training has been started with an ideal pursuit of accomplishing the goals of students by facilitating them with good communication skills, Life skills and Employability skills through various modules of Verbal ability, Aptitude, Logical Reasoning and Soft skills.

English - I

English Communication Skills Lab - I English - II

English Communication Skills Lab - II Professional Communication Skills -I Technical Skills-I

Professional Communication Skills-II Technical Skills-II

Professional Communication Skills-III Technical Skills-III

Technical Skills-IV

Various Online tools are used for training the students on Technical Skills.

Dedicated In-house Training Team ensures an all-round development in the personality of the students

1) Faculty Performance Appraisal System:

At ASIST, Faculty Performance Appraisal System plays a major role in evaluating the overall performance of the faculty member quantitatively and qualitatively. Self-Appraisal Report is taken from faculty at the end of every academic year and their performance is evaluated. This covers Academic qualifications, responsibilities, R&D, Co & Extracurricular activities.

| 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)

Our College Vision is to be a premier technological institute striving for excellence with global perspective and commitment to the Nation. Amrita Sai Institute of Science and Technology "is considered as one of the best engineering colleges in Andhra Pradesh, started its journey in the year 2007. Since its inception, the college has been striving to provide quality technical education to its students and making them industry ready. Amrita Sai Institute of Science and Technology exemplifies quality in various fields and is rated as one among the top 10 engineering colleges in Andhra Pradesh.

Highly qualified staff contribute to the knowledge levels of students and facilitate their placement in top most MNC's every year. ASIST became an Autonomous engineering college in 2018 and is fine tuning its course curricula to suit the evergrowing industry

needs. Improvement in Quality of Placements True to its vision, ASISTstrives to provide multifaceted training for students to make them industry ready and enable them to achieve excellence in their chosen field.

As an outcome of the various student skill development programmes conducted by the institution, students' performance in the campusplacements has considerably improved.

As an outcome of the various student skill development programmes conducted by the institution, students' performance in the campus

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 Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Primary objective of the institute is to create Techno-Managerial power for the global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in regional and global level with all necessary fundamentals. Factors for Curriculum Design: The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude.

The factors considered for design of curriculum are: (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE, (iii) The Program Specific Outcomes of professional bodies, (iv) Suggestions by industry experts and alumni, (v) Syllabi of various competitive exams like GATE, IES, etc, Process for Curriculum Design: The initial version of the curriculum is prepared by having the above design criteria, through discussions with stakeholders. The proposed curriculum is then discussed in DAB (Department Advisory Board) and is put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members. The curriculum is then placed for approval during the Academic Council (AC). Curriculum is finally evolved and published in www.amritasai.org.in The academic autonomy of the Institution provides the opportunity to frequently revise the curriculum based on needs and suggestions from various stake holders. In last five years the syllabus of UG programmes was revised in 2018 and 2020.

| File Description | Documents |
|---------------------------------------|---|
| Upload additional information, if any | View File |
| Link for additional information | https://drive.google.com/file/d/1h022IR6W-6jUDM2_cPfiOhnAn0dyF_0/view?usp=drive_link |

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

16

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

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

313

| 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 | View File |
| Any additional information | View File |

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

313

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

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

16

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

1.3 - Curriculum Enrichment

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

In order to integrate the cross-cutting issues relevant to gender, environment and sustainability, human values and professional ethics, The College has imbibed different types of courses in the curriculum, some enhance professional competencies while others aim to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students. The courses on Ethics, Human Values, Human Resources & Organizational Behaviour and Community Outreach (HVCO) through NSS and courses which are embedded in the curriculum of all Programmes. 1. Gender Sensitivity As part of the Ethics and Values course, students are required to address the issues related to women empowerment, female, child abuse, responsible living and others.

Course on Constitution of India addresses the aspects related to - Women, Minority, Equality and Environment', 'Gender, Caste and Law' are offered. 2. Human Values and Professional Ethics A course of one credit on human values "Engineering and Society" is offered as Mandatory course to all the students to take

during the programme of study. It aims at inculcating values, ethics and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. 3. Environment studies In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all Programmes. Environment Day, Earth Day, Water Day are celebrated every year, where students actively participate. Workshops and seminars on various aspects of environment sustainability are organized periodically.

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

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

5

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

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

563

| 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

440

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

1.4 - Feedback System

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

A. All 4 of the above

| File Description | Documents |
|---|---|
| Provide the URL for stakeholders' feedback report | https://docs.google.com/forms/d/e/1FAIpOLSfZQTDWXnDHxwWW_f2q65e00rG5lj7urQMrR7HNa4ThEnB_Wg/viewform?usp=sf_link |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | View File |

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

| File Description | Documents |
|---|---|
| Provide URL for stakeholders' feedback report | https://forms.gle/KNVWfMyYl4VsrVdw5 |
| Any additional information | View File |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

643

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| 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)

318

| 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.

The institution adopts well planned procedures to address the issues of diversity in students' learning levels. The college has a well- established counseling system/mentorship system in place. Students are assigned to identified faculty who act as their mentors/counselors. They conduct regular meetings with their student mentees to monitor their academic progress. The actual categorization of students into slow, average and advanced learners is based on their performance in mid-1 internal examination and continuous follow-up taken up thereafter till the course completion by the concerted efforts of teaching faculty, course coordinator and Head of the department. The following are activities conducted for slow and advanced learners. I. Special activities conducted for slow learners:

- Remedial classes are arranged for the slow learners identified in mid-1 examination during or beyond the regular class schedule on specific days for each course and individual attention is paid for improving the students' level of learning, problem solving and presentation.
- Slow learners are further assisted through counseling by mentors. Most of the students' problems resolved by these efforts and if felt necessary, the parents are called in for additional help to their ward.
- Conduction of extra classes to those who failed in previous semester subjects.

II . Activities to support the advanced learners • College conducts special training programs on soft skills, CRT etc. • Students are encouraged to register NPTEL - MOOCs, paper presentations, Internships . • Participate in inter collegiate fests. • Conduct workshops by APSSDC covering cutting edge technologies.

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

2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------------|--------------------|--------------------|
| 01/06/2020 | 2774 | 178 |

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

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:

The institution adopts both traditional as well as advanced methods to enhance learning experiences. Especially we focus on solving real time case studies taken from the industry, conducting group discussions, debates, seminars, business games, etc. For final year students, we provide real time experiences through mini projects, internships and short visits. Participative learning is encouraged through conducting various events both at branches as well as college level. Problem-solving skills are improved by discussing real time case studies taken from the industries.

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

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

Amrita Sai Institute of Science and Technology encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. In the Department we have 17 Classrooms, 2 Seminar Halls and 5 Computer Labs all are equipped with LCD Projectors.

College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The following tools are used by the Department: ICT Tools: 1. All Classrooms are equipped with LCD Projectors. 2. Desktop are arranged at Computer Lab and Faculty cabins. 3. Seminar Rooms- 2 seminar halls are equipped with all digital facilities 4. Online Classes through Zoom, Google Meet, Google Classroom. 5. Using online coding Platforms EBOX, Edyst, HackerRank, HackerEarth, codeChef. 6. MOOC Platform (NPTEL, Coursera, Udemy etc).

7. Learning Management System (LMS) is used for conducting On-line classes during COVID times

Use of ICT by Faculty: 1. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations. 2. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students. 3. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

| File Description | Documents |
|--|---------------------------|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | Nil |
| Upload any additional information | View File |

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

2.3.3.1 - Number of mentors

1:15

| 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 | No File Uploaded |

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

Preparation and Adherence to Academic Calendar:

The institution prepares the Academic calendar every year in advance. The academic calendar contains the academic schedule of each semester in that academic year and the schedule of Co-curricular and Extra-curricular activities. The Head of the department (HOD) along with the senior faculty members prepare the time tables by correlating the working days

available and coverage of curriculum of the courses.

Continuous monitoring is done by the Director of Academics and HOD to ensure adherence to the Academic Calendar.

Preparation and Adherence to Teaching Plan:

The concerned Course Coordinator prepares the Teaching plan for the respective course in coordination with the other course handling faculty and gets it approved by the concerned Module Coordinator and concerned HOD. These plans are prepared well in advance and serve as guide for conducting the regular classwork. Director of Academics and HODs check the progress of each course and ensure timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

| 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**178**

| 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 | No File Uploaded |
| 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**14**

| 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)**178**

| 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****15 days**

| 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

0

| File Description | Documents |
|---|------------------|
| Upload the number of complaints and total number of students who appeared for exams during the year | No File Uploaded |
| 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

There has been several positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment. Amrita Sai Institute of Science and Technology is committed to develop an efficient and flexible continuous evaluation system with emphasis on a high quality teaching-learning process. The CGPA (Cumulative Grade Point Average) system of evaluation which has built-in continuous and comprehensive evaluation is adopted for all programmes offered by the institution.

ASIST LMS Portal is used for all Student related activities. URL of this portal is

<http://tests.amritasai.in/>

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | http://tests.amritasai.in/ |

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

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. They are displayed at various locations and conveyed at different events viz.:

Website

Curriculum /regulations books Class rooms

Department Notice Boards Laboratories

Student Induction Programs

Meetings/ Interactions with employers Parent meet

Faculty meetings Alumni meetings Library

| 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

The method of assessment process upon which the evaluation of course outcomes of any programme are as follows:

For evaluation of all course attainments, we adopted two categories of attainments namely direct attainment and indirect attainment. Direct attainment includes Internal Examinations conducted by the College and External examinations are conducted by the College. The internal examinations are conducted twice in a semester and external examination at the end of each semester. Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels Program shall have set Course Outcome attainment levels for all courses. Measuring of Course Attainments However we started the micro level analysis i.e. CO level analysis from the Academic Year 2018-19 onwards. For obtaining course attainments we have considered the following weightage. Micro Level: Direct Assessment (90%)

30% weightage for internal assessment. 70% weightage for external assessment.

Indirect Assessment (10%)

Indirect assessment based on course end survey.

Attainment of Program Outcomes and Program Specific Outcomes :

The process has been initiated with the identification of all the courses during four years of study along with their relations with POs and PSOs. Attainment of outcomes for each course is recorded which in turn reflects the attainment of related PO as well as PSOs.

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

2.6.3 - Pass Percentage of students

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

417

| 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://forms.gle/KNVWfMyYl4VsrVdw5>

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 Institution has approved a well-defined policy for promotion of research as part of HR policy for supporting Research and Consultancy by the Faculty of Amrita Sai Institute of Science and Technology. In this regard Faculty members are awarded incentives for publishing quality research in Free SCI, SCIE, Scopus, and UGC care Group-1 listed Journals, Books and Chapters. The faculty members are supported to attend Conferences/ Seminars. Faculty are incentivized in monetary terms for their research papers published in internationally recognized and globally accepted top journals. The college encourages its teachers to undertake consultancy for revenue generation and they will be incentivized in monetary terms for their consultancy projects. With regard to sponsored research projects, the Institute has a well-crafted policy. The Institute strives to get such projects from the government agencies. In this regard the college is carrying out two on-going major research projects. Apart from improvements in research infrastructure, to carry out these projects research facilities are frequently updated based on the requirements. The institute has a research committee comprising the Director R&D, Head of the respective department, and course expert of the department.

This committee reviews respective research proposals and monitorsthe impact of research and consultancy.

| 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://amritasai.org.in/wp-content/uploads/2023/07/062bfa78-590c-40f1-90c0-533721f872e4.pdf |
| Any additional information | View File |

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

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

3

| File Description | Documents |
|---|---------------------------|
| Minutes of the relevant bodies of the institution regarding seed money | View File |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | View File |
| List of teachers receiving grant and details of grant received | View File |
| Any additional information | No File Uploaded |

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

0

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

0

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

3.2.2 - Number of teachers having research projects during the year

0

| File Description | Documents |
|---|------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | Nil |
| List of research projects during the year | No File Uploaded |

3.2.3 - Number of teachers recognised as research guides

2

| 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

0

| File Description | Documents |
|---|------------------|
| Supporting document from Funding Agencies | No File Uploaded |
| Paste link to funding agencies' website | Nil |
| Any additional information | No File Uploaded |

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.

Microelectromechanical Systems (MEMS) are coupled multi-domain systems and, therefore, are difficult to design without expertise in a diverse set of fields. To address this problem, Centre for Research in Microelectromechanical Systems (CRMS) is established to motivate the research activities in developing schematics for micro sized multidisciplinary systems or devices. The Research Centre is equipped with design, simulation and analysis facilities for MEMS devices using COMSOL, Intellisuite software, CST and HFSS. It is actively involved in R & D activities for the development of MEMS based devices in the following multidisciplinary areas: • MEMS based Sensors for Space Applications. • Bio-MEMS sensors for Medical Applications. • RF MEMS switches for Reconfigurable Antenna Communication. • MEMS based Accelerometers. • MEMS Filters for wireless communications. • MEMS Piezoelectric Energy Harvesters. • Microchannels and Mixers for Fluid interactions

EDC (Entrepreneurship Development Cell) was established with a vision to bridge the gap between Industry and Academia. The

cell undertakes several activities for student development wherein the student gets corporate exposure while studying and develops a spirit of entrepreneurship.

IoT Lab is a spot where students and scientists work together on solving IOT related problems. Laboratory provides test bed and state of the art equipment that is used to create new and interesting products that augment everyday life. Isaac Asimov SPACE Centre was established in 2016 to cater to the technological development and exposure of the students. Regular sessions will be carried out for providing training.

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

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

2

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

3.4 - Research Publications and Awards

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

A. All of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

4

| 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

12

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

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

5

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

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

1

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| 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

1

| File Description | Documents |
|--|---------------------------|
| Bibliometrics 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)

0

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

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

0

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

3.6 - Extension Activities

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

As a part of ASISTExtension activities , our students take part in NSS Activities.

The objectives of these activities are:

1. Identify the needs and problems of the community and involve them in problem solving process.

2. Develop a sense of social and civic responsibility among themselves.

3. Utilize their knowledge in finding practical solution to individual and community problems.
4. Develop competence required for group-living and sharing of responsibilities.
5. Gain skills in mobilizing community participation.
6. Acquire leadership qualities and democratic attitude.
7. Develop capacity to meet emergencies and natural disasters.
8. Practice national integration and social harmony.

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

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

0

| File Description | Documents |
|--|------------------|
| Number of awards for extension activities in during the year | No File Uploaded |
| e-copy of the award letters | No File Uploaded |
| 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)

1

| File Description | Documents |
|---------------------------------|---------------------------|
| Reports of the events organized | View File |
| Any additional information | No File Uploaded |

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

100

| File Description | Documents |
|----------------------------|---------------------------|
| Reports of the events | View File |
| Any additional information | No File Uploaded |

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

0

| File Description | Documents |
|--|------------------|
| Copies of documents highlighting collaboration | No File Uploaded |
| 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)

0

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has adequate physical and academic facilities required as per University Grant Commission guidelines to run the different programs.

The college has a sprawling campus of 10.39 acres.

The various departments are located in separate blocks.

The Classrooms, Laboratories and Seminar Halls are well equipped along with computing system and Internet facility. The college has spacious playground for sports activities. The college has cultivated an atmosphere providing the importance to Extra Curricular and support services organized by National Service Scheme (NSS) Unit.

The college campus is well maintained with cleanliness.

The college is well-equipped with the physical and technology-enabled infrastructure that supports to run smoothly the existing academic programmes and administration.

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

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

Amrita Sai Institute of Science and Technology, with its Core Courses and the continuous evaluation scheme, integrates sports, games and cultural activities as extra-curricular components.

Details of Sports and Games Activities:

The total area of sports and games fields is 5 acres of total playground including indoor and outdoor. ASIST has play area with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho. Another

field provides Indoor and outdoor badminton courts and gymnasium are available.

Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carom boards, table tennis and chess, gymnasium and cultural activities also exist in the campus.

Qualified Physical Directors are been appointed to take care of day to day games and sports activities of the college. College teams are formed to take part in state level and University level competitions and other intercollegiate competitions.

Details of Cultural Activities :

As cultural activities are an integral part of the study, the students are permitted to participate in various cultural activities

inside and outside the campus. Music Club and Dance club encourage students to follow their creative pursuits

| 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

42

| 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)

10991227

| File Description | Documents |
|--|---------------------------|
| Upload audited utilization statements | No File Uploaded |
| 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 is automated. It is Integrated Library Management System. Also known as a library management system used to track items, bills paid, and who have borrowed Issues and Returns through SMS Alerts for users mobile

Acquisitions (ordering, receiving, and invoicing materials)
Cataloging (classifying and indexing materials),

Circulation (lending materials to patrons and receiving them back) Serials (tracking magazine, journals, and newspaper holdings)

Online public access catalog or OPAC (public user interface)

| 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 Databases Remote access to e-resources

A. Any 4 or more of the above

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

280000

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts | No File Uploaded |
| 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

157

| 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

Amrita Sai Institute of Science and Technology is facilitated with extensive computing infrastructure. The College upgrades ICT enabled infrastructure periodically by procuring suitable software and hardware for the enhancement of teaching-learning and networking capabilities. The IT policy of the College ensures authenticity of installation of software tools, responsibility of maintenance and timely renewal of relevant

software of the Institution. CCTV surveillance cameras are installed to increase security in the campus. Online Services to Students Online Fee payments Online Mark statements Online Feedback mechanism

Online provisional results

| 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 |
| 1 : 4 | 621 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

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

A. 750 Mbps

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

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

A. All four of the above

| File Description | Documents |
|--|------------------|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | Nil |
| List of facilities for e-content development (Data Template) | No File Uploaded |

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)

10991227

| File Description | Documents |
|-----------------------------------|---------------------------|
| Audited statements of accounts | View File |
| Upload any additional information | No File Uploaded |

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

The college has skilled and qualified manpower for executing maintenance activities across all departments

Academic facilities like laboratories, classrooms, workshops, seminar halls are maintained

The general facilities like sports & games rooms, restrooms are also maintained

General maintenance is taken care by a Supervisor and his subordinates who oversee the cleanliness of the buildings, classrooms, labs, furniture, seminar halls, conference hall, campus ground, sports facilities etc.

The Heads of Departments report to the higher authorities periodically via (Administration portal) for the maintenance of physical facilities

Minor issues / repairs are maintained in a log book Supporting staff look after the maintenance of generators, lighting loads,

solar plant etc.

The institution has System Administrator with a team of subordinates to oversee the maintenance of computers and related accessories. The maintenance works include replacement or repair of computers and accessories, hardware upgradation, software installation and upgradation, Wi-Fi maintenance, troubleshooting issues etc.

Regular monitoring of the equipment is done by the supporting staff of all the departments and status of computers and associated equipment are sent to the System Administrator for necessary action

Maintenance of sports facilities is taken care by physical education department headed by physical education trainer and supporting staff.

| 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

1774

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

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

12

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

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 | Nil |
| Details of capability development and schemes | No File Uploaded |
| Any additional information | No File Uploaded |

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

660

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

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

A. All of the above

through appropriate committees

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

5.2 - Student Progression

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

189

| File Description | Documents |
|---------------------------------------|------------------|
| Self-attested list of students placed | No File Uploaded |
| Upload any additional information | No File Uploaded |

5.2.2 - Number of outgoing students progressing to higher education

78

| File Description | Documents |
|---|------------------|
| Upload supporting data for students/alumni | No File Uploaded |
| Details of students who went for higher education | No File Uploaded |
| 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

19

| File Description | Documents |
|--|------------------|
| Upload supporting data for students/alumni | No File Uploaded |
| Any additional information | No File Uploaded |

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

24

| File Description | Documents |
|--|------------------|
| e-copies of award letters and certificates | No File Uploaded |
| Any additional information | No File Uploaded |

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

Various students are members of the College Level Anti-ragging Committee, Women Grievances Redressal Committee and Internal Quality Assurance Cell. At the Department Level, students are members of Classwork Review Committee. Students communicate with the Dean, Academics, Head of the Department and Class Coordinators regarding the academic aspects and issues (if any).

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

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

2

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

5.4 - Alumni Engagement

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

ASIST has Alumni Association and it provides an interface for establishing a link between the alumni, staff, and students of the institute. ASIST alumni are currently working at various positions all over the globe and proving their mettle in all spheres of management. The Alumni Contribution through various means Viz.

Alumni interaction, Placement & career guidance assistance, visit ASISTas campus recruiters, providing internship opportunities, Organizing entrepreneurship awareness programs and Promoting Institute Events etc.

ASIST alumni members are active members of various committees of the college and conduct various guest lectures and workshops for the students on latest industry oriented technologies. Our Alumni Association plays very supporting role in the overall development of the college.

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

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

| File Description | Documents |
|-----------------------------------|------------------|
| Upload any additional information | No File Uploaded |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The governance of the institution is reflective:

Board of Governance (BOG) is a deciding component of organizational effectiveness and a crucial part of the functioning of an organization. Good governance ensures that objectives are realized, resources are well managed, and the interests of stakeholders are protected and reflected in key decisions.

At ASIST, BOG has been constituted as per the norms to oversee the operations of the institute and provide guidelines for proper functioning of the institute.

The BOG meets at regular intervals and reviews the operations of the institution and provide guidance for further improvements keeping vision and mission, in view.

Faculty are represented in all decision making bodies of the institute namely, Board of Governors(BOG), Academic Council (AC), Board of Studies (BOS), Internal Quality Assurance Cell (IQAC) etc.

The empowered team of the college involves Principal, convener of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student Class Representative (C.R.), stakeholders, and alumni. The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, NSS, Placements cell, library and sports committee, cultural and literary clubs, internal examination committee, anti-ragging committee, disciplinary committee, grievance redressal committee, etc. All the committees take its responsibility for the plans and

activities, and successfully tackles these responsibilities in every academic session.

| 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

The leadership of the college through periodical review meetings of various committees constituted for bringing improvement in the governance of the college activities monitored and brought substantial improvements. The major committees are Board of Governance Committee, Academic Council Committee, IQAC Committee, Research Cell, Training & Placement Cell, Alumni Committee, Grievance Committee, Discipline Committee, R and D Committee, Sports Committee, and Anti-Ragging Committee, Cultural Club etc.

The recommendations of these specialized internal committees were subsequently considered and monitored by the college authority bodies such as Academic Council for further implementation. Such steps give clear goals and mission to the stake holders and brought a positive culture of belongingness among the faculty members, resulted innovation and vast improvements in the college governance.

| File Description | Documents |
|---|------------------|
| Upload strategic plan and deployment documents on the website | No File Uploaded |
| Upload any additional information | No File Uploaded |
| 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

Strategy

Details of Implementation

Encourage research culture among faculty and students

Faculty members are expected to submit proposals for research grants to the external funding agencies. For the publications indexed in SCI (Web of Science) or Scopus or UGC listed, the incentives are given as per HR policy. And other measures are:

Encourage teachers to present research papers in seminars and research conferences.

Promoting faculties to undertake minor and major research project.

Focus on Human Resource Advancements

Focus on Human Resource Advancements

Encouraging the faculty to improve qualifications and updating their knowledge through participation in FDPs, Seminars Conferences etc.

Industry Interaction / Collaboration

HRs of various Industries are invited to the campus for interacting with the students and making the students familiar with industry requirements. MOUs are signed with industries for Internships, online training and placements.

Admission of Students

Every year EAMCET counseling Awareness program is conducted for guiding the prospective students in the right direction for admissions

Make students more employable

Providing various courses which will help in increase students' practical knowledge

Encouraging students to enroll in MOOCs courses at free of Cost

Periodic interaction with the distinguished guests who have excelled in their field

Maintain continuously good academic performance

Increasing students' engagement in learning

Motivating students by periodic interaction with distinguished guests

To develop and execute effective teaching- learning process ICT-based teaching

Maintaining Proper Discipline

Recommends Installation of CCTV Cameras at relevant places and other measures to maintain the discipline.

| File Description | Documents |
|--|------------------|
| Strategic Plan and deployment documents on the website | No File Uploaded |
| Paste link for additional information | Nil |
| Upload any additional information | No File Uploaded |

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 institute has a vision 'To be a premier technological institute striving for excellence with global perspective and commitment to the Nation'. The leadership of ASISTis through participative management all the way through structured organizational system with the involvement of all the Stakeholders.

The key components of organizational structure of the college are Governing Body, Principal, Head of the Departments, Teaching staff, Non-teaching staff and Support cells/Departments. It reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies the financial and recruitment

strategies.

As per the university/ government guidelines, IQAC Cell, Anti-ragging Cell etc. are also in place for the institution. There are various committees with well-defined functions that give academic and administrative leadership to the institution.

ASIST follows the service rules according to the AICTE norms. It is displayed on the college website too. Recruitment process is carried out according to the norms of the University, a body comprising of management representative, Principal, external subject experts decides the worthiness of the candidates by his/her performance in the interview according to the parameters specified by University.

Grievance redressal committee is formed including Principal, HODs' and teacher's representative who looks into the matters related to grievances of staff and students.

Suggestion/complaint box is kept near the Principal office/Admin office for the same. Also, every student has assigned a mentor.

| File Description | Documents |
|---|------------------|
| Paste link to Organogram on the institution webpage | Nil |
| 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) Document | No File Uploaded |
| Screen shots of user interfaces | No File Uploaded |
| Details of implementation of e-governance in areas of operation | No File Uploaded |
| 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

In Amrita Sai Institute of Science and Technology, Staff welfare is given foremost importance. In connection with this, existing welfare measures for teaching and non-teaching staff are itemized below:

Medical Insurance

Maternity benefits as per norms

Faculty members are eligible for Earned Leave Summer Vacations for faculty members

Medical leave Wi-Fi facility. Free Cafeterias

Sports facilities

Gym is also accessible for the staff. Transport on reasonable cost.

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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 | |
| 27 | |
| 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) | No File Uploaded |
| 6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year | |
| 4 | |
| File Description | Documents |
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | No File Uploaded |
| 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.) | |
| 19 | |
| File Description | Documents |
| Summary of the IQAC report | No File Uploaded |
| Reports of the Human Resource Development Centres (UGC ASC or other relevant centers) | No File Uploaded |
| 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 | |
| Internal Financial Audits | |

The Institution has an Internal Audit Team within the organisation to cover regular Review of day to day transactions, Physical Verification of Fixed Assets, Review and reporting on the Internal Controls and its sufficiency and check on Statutory Compliances. This audit includes examining internal controls around accounting, financial reporting, and general controls. Audit team examines validity and reliability of financial, accounting and other data and reports any deviations. The Team completes the audit as per the scope and reports its findings on regular basis.

External Financial Audits

External Auditors have been appointed by the institution as per the statutory requirement.

The External Auditor conducts audit in accordance with the Generally Accepted Accounting Policies, applicable Financial Reporting Framework, Statutory Provisions and regulations, etc.

The Auditor conducts audit in compliance with the auditing standards.

Auditor conduct audit and draws conclusion on the Financial Statements. Their main role is examination of the validity of financial records of the institution

It also reviews the entities accounts to show that they are accurate and complete.

| 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)

100000

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

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

The institution always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. ASIST is a self-financed private institution, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non Government agencies and consultancy projects are add on resources for mobilization of funds. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well- defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.

All the administrative and academic heads along with coordinators of different cells viz., research committee, placement cell, library advisory committee (for the purchase of books / journals), purchase committee (for repair and maintenance cost) software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures, NSS cell, sports, cultural committee etc., will submit the budget requirements for the coming academic year. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendations of the principal and management.

All the major financial decisions are taken by the institute's Governing Body (GB). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated accordingly the quotations called and purchase orders are placed after final negotiations.

| 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)

IQAC is an effective and efficient internal coordinating and monitoring mechanism. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted. Some of the Quality initiatives taken by the Cell are:

- 1. Motivating faculty members to apply for Government funding**
- 2. Focus of Placement Oriented skills for students**
- 3. Focus on Student Skill Development /Industry oriented training**
- 4. Focus on Research by faculty members**
- 5. Focus on Extension Activities**
- 6. Motivating Faculty Members and students for self learning via MOOCs courses**
- 7. OutcomeBased Education Orientation**

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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

Since the establishment of the IQAC Cell in the college, It has played a major role in the academic reviewing process. It started working towards quality education and inculcating quality culture among the students and staff. The IQAC has contributed towards improving the quality assurance strategies and developed various processes as follows:

1. Implementation and timely review of Outcome-Based Education (OBE) processes in each program.

2. Outcome Based Education (OBE) orientation for all newly joined faculty members

3. Focus on Enhanced Placement oriented skills training for students to enhance personality and employability

4. Establishment and review of various processes for feedback/surveys from various stakeholders.

5. To implement and enhance the use of ICT tools to strengthen the teaching-learning process.

6. Monitoring of the Mentor-mentee process and its effective implementation.

7. Frequent Review of Course Files maintained by the faculty members
9. To submit the Annual Quality Assurance Report (AQAR) to the NAAC

8. Review of the Academic Audit process

| 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

A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)

| File Description | Documents |
|--|------------------|
| Paste the web link of annual reports of the Institution | Nil |
| Upload e-copies of accreditations and certification | No File Uploaded |
| Upload details of quality assurance initiatives of the institution | No File Uploaded |
| Upload any additional information | No File Uploaded |

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

At ASIST, equal opportunities are provided to all individuals irrespective of gender. Security and Safety of the staff and students are given utmost importance and priority. Following steps are taken for the Women staff and girl students:

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

Security checkpoints are provided at all campus entries and exits.

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

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

Sufficient lighting is provided in the campus during nights in case of extension of regular hours for placements or cultural activities

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

Women Grievance Redressal Cell interacts regularly with girl students and resolves the issues if any

Various complaint boxes are arranged at different locations in the campus to receive grievances or suggestions from the students which are addressed by respective committees

Student mentoring is done regularly by the Faculty members to counsel the students regarding academic performance, career plans and personal issues

Gender Sensitization programmes are conducted for Girl students and Women Staff

Separate Sports Events are conducted for Girl students and Women Staff

Various competitions are conducted to bring awareness among students on Women related Laws and Constitution of India Girls waiting halls are provided in each block in the campus with required facilities

Facilities like Automatic Sanitary Napkin Vending Machine and Sanitary Napkin Incinerator are provided in the campus

| File Description | Documents |
|---------------------------------------|------------------|
| Upload any additional information | No File Uploaded |
| 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 | No File Uploaded |
| 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)

At ASIST, several methods for managing degradable and non-degradable waste are used. The primary focus is to reduce, reuse and recycle the waste.

Several color segregated dustbins are used for the different types of waste like wet waste and dry waste

For solid waste management, different bins have been placed at multiple locations.

Every day the waste is collected in bins and disposed in a proper manner.

Single use plastic is avoided.

For better handling of Sanitary Waste, Environment friendly Sanitary Napkin Incinerators have been provided in college campus and girls hostel campus.

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

7.1.5 - Green campus initiatives include

| | |
|--|-------------------------------------|
| 7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 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 | No File Uploaded |
| Various policy documents / decisions circulated for implementation | No File Uploaded |
| Any other relevant documents | No File Uploaded |

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

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

| File Description | Documents |
|---|------------------|
| Reports on environment and energy audits submitted by the auditing agency | No File Uploaded |
| Certification by the auditing agency | No File Uploaded |
| Certificates of the awards received | No File Uploaded |
| Any other relevant information | No File Uploaded |

| | |
|---|-------------------------------------|
| 7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms 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 | No File Uploaded |
| 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 | No File Uploaded |

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).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination.

ASIST is proactively taking efforts in providing an inclusive environment. Several initiatives to promote better education, economic upliftment of the needy are implemented.

No intolerance towards cultural, regional, linguistic, communal socio economic and other diversities is accepted . With great fervour the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Swami Vivekananda, Netaji Subhash Chandra Bose, Sarvepalli Radhakrishnan, Srinivas Ramanujan, Sir Mokshagundam

Visvesvaraya, etc.

NSS Units of our college organize and participate in various programmes related to social issues

NSS volunteers and students of Sri Vasavi engineering college helped the people who suffered a lot due to Covid-19 in the lockdown period.

National Youth Day is celebrated to commemorate the birthday of Swami Vivekananda

NSS unit celebrated 150th birth anniversary of Mahatma Gandhi
NSS unit conducted an awareness campaign on Pulse Polio for the parents to take their kids for pulse polio drops in nearby village Pedatadepalli.

Parakram Diwas was celebrated to commemorate 125th birth anniversary of Netaji Subhas Chandra Bose by NSS unit
Gender Sensitization: Equal Opportunities Workshop for Girls students was conducted on International Women's Day
Awareness program on Drug De-Addiction for students was conducted.
Psycho Social Support Cell (PSSC) is formed by NSS Cell for providing Psycho Emotional Service, Medical Service, Social Service.

| 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:

At ASIST, various activities are conducted for Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens. Some of the activities are:

Women Grievances Cell organized Gender Sensitization: Equal Opportunities Workshop for Girls students on 8th March 2021, International Women's Day. An online Quiz was conducted on Legal Awareness and Constitutional Rights for Girl students

Every year Republic day is Celebrated on 26th Jan by organizing

activities highlighting the importance of Indian Constitution

Ethics Committee of the institution is constituted with senior faculty members. Students are made aware about the code of ethics, human values, rights, duties and responsibilities as a citizen of India during induction as well as other programmes throughout the year.

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

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

At ASIST, various national and international commemorative days are celebrated/observed such as:

International Yoga Day on 21st June 2020 Teachers Day on 5th September 2020 Engineers Day on 15th September 2020

150th birth anniversary of Mahatma Gandhi on 02/10/2020
National Youth Day on 12th January 2021

Parakram Diwas on 15th January 2021 Republic Day on 26th January 2021 International Women's Day on 8th March 2021 Police Commemoration Day on 22 October 2021

National Mathematics Day is celebrated on 22 December 2020/ 2021

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

7.2 - Best Practices

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

Two Best Practices:

1) Focus on Employability Skill Development:

True to its vision, ASIST strives to provide multifaceted training for students to make them industry ready and enable them to achieve excellence in their chosen field.

At ASIST, the department of Training has been started with an ideal pursuit of accomplishing the goals of students by facilitating them with good communication skills, Life skills and Employability skills through various modules of Verbal ability, Aptitude, Logical Reasoning and Soft skills.

English - I

English Communication Skills Lab - I English - II

English Communication Skills Lab - II Professional
Communication Skills -I Technical Skills-I

Professional Communication Skills-II Technical Skills-II

Professional Communication Skills-III Technical Skills-III

Technical Skills-IV

Various Online tools are used for training the students on
Technical Skills.

Dedicated In-house Training Team ensures an all-round
development in the personality of the students

1) Faculty Performance Appraisal System:

At ASIST, Faculty Performance Appraisal System plays a major role in evaluating the overall performance of the faculty member quantitatively and qualitatively. Self-Appraisal Report is taken from faculty at the end of every academic year and their performance is evaluated. This covers Academic qualifications, responsibilities, R&D, Co & Extracurricular activities.

| 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)

Our College Vision is to be a premier technological institute striving for excellence with global perspective and commitment to the Nation. Amrita Sai Institute of Science and Technology "is considered as one of the best engineering colleges in Andhra Pradesh, started its journey in the year 2007. Since its inception, the college has been striving to provide quality technical education to its students and making them industry

ready. Amrita Sai Institute of Science and Technology exemplifies quality in various fields and is rated as one among the top 10 engineering colleges in Andhra Pradesh.

Highly qualified staff contribute to the knowledge levels of students and facilitate their placement in top most MNC's every year. ASIST became an Autonomous engineering college in 2018 and is fine tuning its course curricula to suit the evergrowing industry needs. Improvement in Quality of Placements True to its vision, ASIST strives to provide multifaceted training for students to make them industry ready and enable them to achieve excellence in their chosen field.

As an outcome of the various student skill development programmes conducted by the institution, students' performance in the campus placements has considerably improved.

As an outcome of the various student skill development programmes conducted by the institution, students' performance in the campus

| File Description | Documents |
|---|------------------|
| Appropriate link in the institutional website | Nil |
| Any other relevant information | No File Uploaded |

7.3.2 - Plan of action for the next academic year

Future Plan

- To develop laboratories to promote research activity in the interdisciplinary areas
- To attract and ensure retention of talented faculty and staff through the implementation of best practices
- To have a good number of research scholars in our research centres for pursuing Ph.D. work
- . To convert the premises into a smart campus
- To develop infrastructure required to organize national and international seminars and conferences

- To get industrial accreditations for the college to enhance the on- campus recruitment of graduates by Multinational Companies(MNCs)
- To obtain re-accreditation by N.B.A. for all the eligible courses
- To establish centres of excellence in specific areas in collaboration with Industry / R and D organization through MOUs
- To generate revenue through enhanced testing consultancy work / funded R and D projects / offering training programs etc.
- To transfer the benefits of technology to the society, through incubation / skill development centres
- To get a brand image to the institute by obtaining patents
- To slowly convert the premises into a residential campus, where majority of the faculty also can stay back to work during extended hours to enhance the R and D output