# YEARLY STATUS REPORT - 2022-2023

| Part A |
|---|
| **Data of the Institution** |

| 1.Name of the Institution | ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES |
|---|---|
| • Name of the Head of the institution | K. Sri Rama Krishna |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone No. of the Principal | 9642086380 |
| • Alternate phone No. | 7330789892 |
| • Mobile No. (Principal) | 9642086380 |
| • Registered e-mail ID (Principal) | principal@anits.edu.in |
| • Address | Anil Neerukonda Institute of Technology & Sciences, Sangivalasa, Bheemunipatnam, Visakhapatnam - 531162 |
| • City/Town | Visakhapatnam |
| • State/UT | Andhra Pradesh |
| • Pin Code | 531162 |
| **2.Institutional status** | |
| • Autonomous Status (Provide the date of conferment of Autonomy) | 29/04/2015 |
| • Type of Institution | Co-education |

| | |
|---|---|
| • Location | **Urban** |
| • Financial Status | **Self-financing** |
| • Name of the IQAC Co-ordinator/Director | **Dr. R. Srikanth** |
| • Phone No. | **9848472072** |
| • Mobile No: | **8978762072** |
| • IQAC e-mail ID | **iqac@aits.edu.in** |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | https://www.anits.edu.in/naac/AQAQ%202021-22.pdf |
| **4.Was the Academic Calendar prepared for that year?** | **Yes** |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.anits.edu.in/academic_calendar.php |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| **Cycle 1** | **A** | **3.01** | **2014** | **24/12/2014** | **31/12/2020** |
| **Cycle 2** | **A+** | **3.48** | **2024** | **02/05/2024** | **01/05/2029** |

| | |
|---|---|
| **6.Date of Establishment of IQAC** | **22/01/2014** |

**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 |
|---|---|---|---|---|
| **Nil** | **Nil** | **Nil** | **Nil** | **Nil** |

**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 | 3 | |
|---|---|---|
| • Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? | Yes | |
| • If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded | |
| 10.Did IQAC receive funding from any funding agency to support its activities during the year? | No | |
| • If yes, mention the amount | | |

| 11.Significant contributions made by IQAC during the current year (maximum five bullets) |
|---|
| 1. Academic Audit of the departments 2. Academic Research 3. eLearning platform 4. Skill development and Training |

| 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 |
|---|---|
| Preparation for new curriculum under NEP2020 | R23 course structure prepared following NEP 2020 |
| Increase in IIC activities | No. of IIC activities are increased |
| Increase in Research activities and quality publications | Quality publications enhanced |
| Increase in societal projects | More no. of societal projects are guided |
| Increase in student intake | Student intake increased |

| 13.Was the AQAR placed before the statutory body? | Yes | |
|---|---|---|
| • Name of the statutory body | | |

| Name of the statutory body | Date of meeting(s) |
|---|---|
| Academic Council | 11/11/2023 |

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

- Year

| Year | Date of Submission |
|---|---|
| 2022-23 | 07/04/2024 |

## 15.Multidisciplinary / interdisciplinary

ANITS has taken a job of embracing the goal of the National Education Policy, which is to offer high quality education to help our country's people resources grow into global citizens. The core NEP principles, including variety for all curricula and pedagogy with technology advancements in teaching and learning, supporting rational decision-making and innovation, critical thinking and creativity, were brought up in a discussion among the faculty members. Courses in the multidisciplinary and interdisciplinary fields have been added as electives to academic programmes. Every programme is created to give students as much freedom as possible when selecting electives from other Departments. The National Educational Policy (NEP-2020) for higher education's primary goal is to stop the fragmentation of higher education by turning these institutions into sizable, interdisciplinary knowledge hubs. ANITS introduced Minors program from R20 regulations where the students of one branch can study specified 5 courses of other branch to earn a minor degree. Our institution has introduced a course on professional Ethics for B.Tech and M. Tech students, as well as life-skills, soft-skills and communication skills sessions for all students on campus as part of its dedication to holistic and multidisciplinary education. Additionally, our students take part in community service projects including setting up blood donation drives, and community services, among other things.

## 16.Academic bank of credits (ABC):

A crucial element of the NEP-2020 is that academic institutions must adopt academic bank credits. Moving forward, it is crucial and vital to integrate higher education institutions into a globalized environment. We have already made it possible for our students to enroll in online courses through national programmes like SWAYAM,

NPTEL, or other MOOC platforms like Coursera, Udemy, etc. The institute has MoU with Infosys and adapted for students the Infosys Spring board courses. ANITS giving credits to the students who have completed the courses through any of these platforms.

**17.Skill development:**

Only 5% of Indian workers between the age group 19 and 24 were anticipated by the results of the 12th Five-Year Plan to have formal vocational education. In India, expanding vocational education is essential for accelerating skill development. The NEP 2020 predicts a potentially explosive rise in the country's skill development through vocational education. Vocational education was supposed to be a requirement for all higher education and educational institutions. Vocational education will gradually be included into schools and universities during the coming years. ANITS has a clear strategy to implement as it moves forward in order to empower young students and meet engineering demand: 1. In R20 regulation skill-oriented courses are introduced in all branches of engineering, in accordance with APSCHE. 2. Honors are introduced from R20 regulations to have more focus on specified skills 3. Number of Value-added courses are conducted to improve students' skills. 4. Students are encouraged to participate in various events like Hackathons etc., to improve their skills 5. Student learning through Massive Open Online Courses (MOOC) is encouraged to improve their independent learning skills

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

The advancement of Indian expressions and culture is valuable not exclusively to the nation yet additionally to people. In all engineering programs, English is required for communication and course work because engineering is a professional field. In contrast, the organization holds events and commemorative events in regional languages to foster a sense of regional pride. Mother language day is also observed. Students are addressed in their native languages on Republic Day and Independence Day, for example. One of the most significant days of the year is Engineers' Day, and another is Teacher's Day. Women's Day is a significant day for cultural celebrations. Festivals like Janmastami, Vinayaka Chavithi, and Durga pooja, raise awareness of Indian regional and national languages and the culture that goes along with them. Additionally, national/international commemorative days like Yoga Day, earth day, water day etc are observed.

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

In accordance with the requirements set forth by the National Board of Accreditation, ANITS has implemented outcome-based education with course outcomes, program-specific outcomes, and clearly stated program outcomes. The cognitive skills of remembering, understanding, applying, analyzing, evaluating, and creating are at the center of all courses' outcomes. Learning outcomes at all levels, in addition to domain-specific skills, ensure social responsiveness, ethics, and entrepreneurial skills so that students actively contribute to the nation's economic, environmental, and social well-being. The PO-PSO philosophy is also reflected in the Course Outcomes (COs). In order to implement the spirit of NEP, each course syllabus has been designed with macroeconomic and social needs in mind. Few innovative practices are: 1. Introduction of CO, Blooms cognitive Level and Performance Indicators in exam papers 2. Usage of Rubrics for Lab and project evaluation 3. Weightage for activity-based learning in all the theory courses An innovative curriculum that includes credit-based courses and projects incorporates values-based education, community service, environmental education, and other areas. The curriculum includes lab exercises and small projects with a focus on community involvement. The value-based education course Professional Ethics & Human Values is offered. The course Environmental Sciences examines all aspects of environmental sustainability. As a result, ANITS has a number of community outreach programs, like the Student Clubs, NCC and the National Service Scheme (NSS), which provide community extension activities.

### 20.Distance education/online education:

The country's educational institutions have become increasingly involved in the use of digital platforms for engaging classes and holding conferences and meetings as a result of the Covid -19 pandemic. Online education has broken down geographical barriers, allowing experts and students from faraway regions to interact, despite the negative effects of not having face-to-face learning opportunities. The adoption of a hybrid educational approach that combines online and offline resources has been made possible by the opening of the economy, including educational establishments. This is envisioned as the new standard in the New Education Policy as well. Teachers and students will no longer be restricted in their ability to access online resources as a result of the knowledge gained during the closure period of Covid-19. Understudies are urged to do MOOC courses at ANITS which advances online training. During the Covid-19 pandemic, ANITS was able to successfully deliver all of its course content online using tools like Google Class Room, Webex and MOODLE platform.

## Extended Profile

### 1.Programme

| 1.1 | **15** |
|---|---|
| Number of programmes offered during the year: | |

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

### 2.Student

| 2.1 | **4909** |
|---|---|
| Total number of students during the year: | |

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

| 2.2 | **1150** |
|---|---|
| Number of outgoing / final year students during the year: | |

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

| 2.3 | **4810** |
|---|---|
| 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 | **584** |
|---|---|
| Number of courses in all programmes during the year: | |

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

| 3.2 Number of full-time teachers during the year: | **267** |
|---|---|

| File Description | Documents |
|---|---|
| Institutional Data in Prescribed Format | <u>View File</u> |

| 3.3 Number of sanctioned posts for the year: | **267** |
|---|---|

## 4.Institution

| 4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year: | **612** |
|---|---|
| 4.2 Total number of Classrooms and Seminar halls | **85** |
| 4.3 Total number of computers on campus for academic purposes | **1338** |
| 4.4 Total expenditure, excluding salary, during the year (INR in Lakhs): | **1231.93** |

# Part B

## CURRICULAR ASPECTS

### 1.1 - Curriculum Design and Development

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

**The curriculum at ANITS aligns closely with the institute's vision and mission, aiming to equip students with the skills needed to thrive in today's knowledge-driven world. Recent additions like CSE (Data Science) and CSE (AI-ML) reflect this commitment to emerging fields. Through systematic procedures and stakeholder feedback, the curriculum ensures students gain the necessary knowledge and abilities for professional practice, contributing effectively to nation-building.**

Guided by industry, academia, and regulatory models, the curriculum addresses contemporary societal and industrial needs at various levels. It emphasizes outcome-based education, defining course outcomes (COs) aligned with program outcomes (POs) and program-specific outcomes (PSOs). This meticulous design, including CO-PO and CO-PSO mapping, ensures effectiveness.

The process involves the Academic Planning and Monitoring Cell (APMC) and the Board of Studies (BOS), comprising faculty, industry, and academic experts. This collaborative effort results in a curriculum tailored to evolving industry demands. The institute's autonomy enables the introduction of new courses and technologies, supported by a choice-based credit system (CBCS) that encourages interdisciplinary learning.

Recognizing the diverse student backgrounds, the curriculum includes provisions for improving English communication skills and quantitative aptitude, catering especially to rural students. This holistic approach, coupled with practical training, aims for the comprehensive development of students' personalities.

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

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

15

| File Description | Documents |
|---|---|
| Minutes of relevant Academic Council/BOS meeting | View File |
| Details of syllabus revision during the year | View File |
| Any additional information | No File Uploaded |

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

547

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

## 1.2 - Academic Flexibility

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

**121**

| File Description | Documents |
|---|---|
| Minutes of relevant Academic Council/BoS meetings | View File |
| Any additional information | **No File Uploaded** |
| Institutional data in prescribed format (Data Template) | View File |

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

**15**

| File Description | Documents |
|---|---|
| Minutes of relevant Academic Council/BoS meetings | View File |
| Any additional information | **No File Uploaded** |
| List of Add on /Certificate programs (Data Template) | View File |

## 1.3 - Curriculum Enrichment

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

**The institute prioritizes holistic education, emphasizing ethical and moral values to shape students into responsible citizens.**

Professional Ethics, Gender Equality, and Environmental Sustainability are integral components of the curriculum, reflecting contemporary workplace dynamics.

Professional Ethics and Human Values are instilled through dedicated courses, fostering character development and societal harmony. Activities like blood donation drives and guest lectures reinforce these values. Gender Equality is promoted to ensure a respectful, inclusive environment, both academically and socially. ANITS encourages equal participation of genders in all activities.

Environmental Sustainability is emphasized through a comprehensive course on Environmental Studies, complemented by elective courses on related topics. Various initiatives like seminars, industry visits, and Environment Day celebrations raise awareness. The NSS team engages in eco-friendly practices and community outreach activities, promoting cleanliness and environmental responsibility.

Infrastructure supports these efforts, with solar power generation, water treatment plants, and rainwater harvesting facilities. ANITS is committed to nurturing a sustainable, socially conscious campus environment.

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

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

22

| File Description | Documents |
|---|---|
| List of value-added courses | [View File](#) |
| Brochure or any other document relating to value-added courses | [View File](#) |
| Any additional information | No File Uploaded |

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

**2588**

| File Description | Documents |
|---|---|
| List of students enrolled | View File |
| Any additional information | **No File Uploaded** |

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

**2131**

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

**1.4 - Feedback System**

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

| File Description | Documents |
|---|---|
| Provide the URL for stakeholders' feedback report | https://anits.edu.in/feed_back.php |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | **No File Uploaded** |

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

| File Description | Documents |
|---|---|
| Provide URL for stakeholders' feedback report | https://anits.edu.in/feed_back.php |
| Any additional information | **No File Uploaded** |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

### 2.1.1 - Enrolment of Students

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

**1253**

| 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)

**537**

| 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 performance of the students in the mid exams and the semester end exams is taken into consideration to identify weak and bright students. Students who obtain less than 50% of marks in the mid examinations or fail in the semester end examinations are considered as weak students. Students who cross the 50% threshold in the mid exams and obtain 8.5 CGPA are considered as bright students.**

**Measures taken to handle slow learners**

**Remedial/Extra classes are conducted with appropriate focus on the subject/topic codes in which the students are found to be slow learners.**

**Individual academic counseling is done by concerned subject teacher.**

**Slow learners are counseled and motivated by the mentors.**

Slow learners performance is communicated to parents through parents meeting.

Arranging bridge courses for lateral entry students

Encouragement for Advanced Learners

Providing guidance to the students for GATE/Competitive Examinations.

Encouraging to participate in various inter institution competition etc especially in reputed national level institutions such as IIT Bombay, IIT Madras etc.

Encourage Students to take up NPTEL Course for knowledge enhancement.

Faculty offer guidance to these students on mini projects /prototype models development.

Bright students are encouraged to take up roles in professional bodies and event organizing committees.

Toppers of the class are rewarded

Awareness camps are arranged to pursue higher studies abroad

Encouraged to enroll for Honors & Minors

Providing guidance for participation in coding contests & Hackathons.

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

## 2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|---|---|---|
| 30/06/2023 | 4909 | 267 |

| 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:

**ANITS employs an array of student-centric methodologies to enrich the learning experience. Active learning, cooperative learning, problem-based learning, project-based learning, experiential learning, and blended learning are among the strategies utilized. These methodologies cultivate critical thinking and skill exploration, fostering a dynamic academic environment.**

**Activity-based learning is prioritized, incorporating role plays, group discussions, and demonstrations. Experiential learning, vital in engineering, integrates practical sessions, workshops, and internships, comprising 30% of the curriculum. Skill-based courses and entrepreneurship development programs promote hands-on experience and innovation.**

**Project-based learning empowers students to apply theoretical knowledge to real-world projects, while participative learning encourages collaboration through seminars, workshops, and soft skills training. Individual involvement in practical work, industrial visits, and e-learning resources further enrich the educational journey.**

**ANITS facilitates industrial interactions, guest lectures, and internships, bridging academia-industry gaps. The institution maintains a 1:20 teacher-student ratio, ensuring effective mentorship for academic and extracurricular pursuits.**

**Through these initiatives, ANITS transitions from traditional teacher-centered to dynamic student-centered learning, nurturing future innovators and industry leaders.**

| 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 |
|---|

**Activities like teaching and learning contribute to the improvement of student learning. These activities may include innovations not limited to, use of ICT, instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction.**

**The following innovative teaching methods are adopted by the faculty:**

**Computers are used for teaching purpose and internet facility is available to students and faculty. Faculty members are utilizing resources like NPTEL, video lectures, MOOCs, E-Journals etc. for effective teaching. LCD projectors are used for teaching purposes. Google class room and webex platforms are used for on line teaching Working Models and Charts for Demonstration has been developed to increase the understanding of students. An effective E-learning Platform (MOODLE) is used as a Learning Management System. Course Assignments and Quizzes are accessed through this e-learning platform. Conducting sessions to the students on advanced programming languages and softwares.**

| File Description | Documents |
|---|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | https://www.anits.edu.in/elearn_main.php |
| 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

**248**

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

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

An academic calendar provides the complete schedule of class work, mid examinations and end semester examinations for both odd and even semesters. Each semester will have a minimum of 90 working days. The calendar is prepared at the institutional level under the Principal's administration in consultation with the Controller of Examinations and HODs.

The academic calendar prepared at the institution level is adhered to by all the departments strictly. Further individual departments prepare a detailed calendar consisting of both curricular and extracurricular activities without affecting the academic schedule. The departmental calendar also provides slots for guest lectures, industrial visits, seminars/workshops, Tech-fest etc.

The responsibility for preparing the teaching plans for the subjects lies with the individual faculty. The teaching plan/course plan is prepared by the individual faculty well in advance based on the academic calendar and is checked by the appropriate committee in the department and authenticated by the concerned HoD. The academic plan structure is prepared to adhere to the needs of Outcome Based Education and faculty provides the details in the available to the students through MOODLE platform and also maintains course files.

| 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

267

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

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

**96**

| 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)**

**2210**

| 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**

**19.33**

| 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**

**107**

| File Description | Documents |
|---|---|
| Upload the number of complaints and total number of students who appeared for exams during the year | [View File](#) |
| Upload any additional information | No File Uploaded |

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

The institute prioritizes the principle of "Assessment Drives Learning," constantly refining its assessment system to align with outcome-based education. Embracing IT integration, the Examination Management System (EMS) streamlines pre and post-examination processes, from notifications to result publication. Students benefit from online fee payments and registration, enhancing accessibility and efficiency.

With EMS, students access results online, while automation optimizes examination procedures. This includes monitoring fee payments, scheduling, seating arrangements, attendance tracking, script handling, data entry, and result analysis.

A robust Continuous Internal Assessment system evaluates student performance comprehensively. Each semester, subjects undergo thorough evaluation, combining internal assessment (40%) and external examinations (60%). This involves mid-semester exams, assignment tests, quizzes, and project work, with clear weightage allocations ensuring fairness.

Moreover, laboratory courses feature continuous assessment, with internal and external evaluations contributing to the overall marks. Transparency is ensured through the dissemination of Continuous Internal Evaluation (CIE) marks to students.

Utilizing the BeeS Examination Tool Plus (BET-PLUS), the institute's EMS comprises pre-examination, post-examination, and utility modules, streamlining tasks from hall ticket generation to marksheet creation and exam fee management. This comprehensive approach underscores the institute's commitment to efficient, transparent, and student-centric assessment practices.

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional Information | [https://www.anitsexams.com/](https://www.anitsexams.com/) |

## 2.6 - Student Performance and Learning Outcomes

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

**The institute implements "Outcome Based Education (OBE)" principles, wherein each program establishes clear Programme Educational Objectives (PEOs) aligned with departmental mission. These PEOs delineate the professional and career accomplishments graduates are prepared to achieve. Translating PEOs into specific student performance indicators, Programme Outcomes (POs) reflect learning and skill development consistent with NBA's graduate attributes. Tailored to sub-disciplinary strengths, Programme Specific Outcomes (PSOs) address specific program requirements.**

**To ensure stakeholders' awareness, POs are disseminated via various channels: departmental websites, display boards, prospectuses, induction programs, faculty meetings, parent meetings, and professional body gatherings. Communication strategies include showcasing POs in classrooms and laboratories, posting department-specific syllabi online, and introducing them during course commencements. Additionally, they're incorporated into learning management systems like the MOODLE platform.**

**This systematic dissemination of COs underscores the institute's commitment to transparency and alignment with educational objectives. Through these efforts, stakeholders remain informed about program expectations and outcomes, fostering a conducive learning environment.**

| 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

Assessment of Course Outcome (CO) attainment encompasses Continuous Internal Evaluation, Semester End Examinations, and Course End Surveys, serving as direct and indirect assessment tools. Direct assessment involves mapping courses to Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) via Course Outcomes, with attainment values multiplied by contribution levels (3, 2, or 1) towards POs. The average attainment across all contributing courses determines PO and PSO attainment levels, with 80% weightage attributed to this method.

Indirect assessment utilizes surveys including program exit feedback, alumni, employer/recruiter, and parents' feedback, along with extracurricular and co-curricular activities. Feedback questionnaires, devised in consultation with department heads, are distributed to students bi-annually. Indirect method weightage (20%) is distributed among various parameters: 30% for extracurricular/co-curricular activities, 25% each for employer/recruiter and exit feedback, and 10% each for alumni and parents' feedback.

This structured approach ensures a comprehensive evaluation of both direct and indirect indicators, facilitating continuous improvement aligned with educational objectives and stakeholder expectations.

| 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**

1120

| 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://www.anits.edu.in/Student%20Satisfaction%20Survey%202022-23.pdf

## RESEARCH, INNOVATIONS AND EXTENSION

## 3.1 - Promotion of Research and Facilities

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

Anil Neerukonda Institute of Technology and Sciences (ANITS) has emerged as a leading institution excelling in academics and research. Through a concerted effort, ANITS has prioritized research activities such as consultancy, patents, and innovations. The institute fosters faculty development by organizing regular expert lectures and facilitating visits to industry and academic institutions for knowledge enhancement and bridging the academia-industry gap.

ANITS fosters collaborative learning through strategic partnerships with industry giants like NRDC and Infosys, facilitating student and faculty exchange programs, joint training initiatives, internships, industrial visits, and skill development programs. The institute's robust research and development committee, comprising faculty coordinators from each department, diligently monitors research activities and encourages cutting-edge research endeavors.

At the departmental level, faculty members form research groups, convene weekly meetings to discuss advancements, and host lectures to inspire new faculty. ANITS management supports research through various means, including seed money, study leave for pursuing PhDs, financial assistance for conference attendance, cash incentives for

publications, infrastructure provision, academic leaves, and patent filing support. The institute continually enhances its laboratories with cutting-edge equipment and software, reinforcing its commitment to fostering a vibrant research ecosystem.

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

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

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

10.81

| File Description | Documents |
|---|---|
| Minutes of the relevant bodies of the institution regarding seed money | No File Uploaded |
| 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) | View File |
| Any additional information | **No File Uploaded** |

## 3.2 - Resource Mobilization for Research

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

**3.0**

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

### 3.2.2 - Number of teachers having research projects during the year

**1**

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

### 3.2.3 - Number of teachers recognised as research guides

**75**

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

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

1

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

## 3.3 - Innovation Ecosystem

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

ANITS has taken significant strides in fostering innovation and entrepreneurship through its Institution's Innovation Council (IIC). Established to nurture innovative ideas among students and faculty, the IIC serves as a catalyst for creating an entrepreneurial ecosystem within the institute. Recognized for its impactful initiatives, ANITS IIC received funding for the "Impact Lecture Series" and was designated as an "IIC Mentor Institute" by AICTE. Moreover, it achieved recognition as an "MSME Business Incubator" and its students showcased their innovation by winning the Smart India Hackathon 2022.

In addition, ANITS received the AICTE-SPICES grant to support its student Coding Club, facilitating various hackathons and ideathons. The institution has also established key facilities to bolster innovation, knowledge transfer, and practical learning:

The E-Yantra Robotics Lab, established in collaboration with IIT Bombay, offers students hands-on training in robotics, enabling them to undertake innovative projects and compete in national-level competitions.

The Automotive Hub motivates students to design and fabricate automobiles, providing necessary amenities and toolkits for constructing vehicles, leading to participation in national go-Kart competitions.

The Tinkerer's Lab encourages experimentation and hands-on learning with electronic components, hosting workshops, competitions, and preparing students for national-level challenges such as the IOT Innovation Challenge and DST-TI IICDC, where ANITS students have achieved notable success.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://iic.anits.edu.in/ |

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

**25**

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

**3.4 - Research Publications and Awards**

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

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

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

**3.4.2.1 - Number of PhD students registered during the year**

**22**

| File Description | Documents |
|---|---|
| URL to the research page on HEI website | https://www.anits.edu.in/rand_fac_rec_pdh_guide.php |
| 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**

**133**

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

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

**19**

| File Description | Documents |
|---|---|
| Upload any additional information | <u>View File</u> |
| 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

**686**

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

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

### 3.4.6.1 - h-index of Scopus during the year

**155**

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

### 3.5 - Consultancy

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

**0.459**

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

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

0

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

**ANITS prioritizes social welfare, engaging students in various service activities. Through NSS and student clubs, it fosters a culture of community support. Recognizing its social responsibilities, the institute encourages students and faculty to participate in initiatives benefiting society. These endeavors, spanning eco-friendly initiatives, blood donation drives, orphanage visits, and awareness campaigns, enrich students' holistic development by exposing them to diverse societal realities. With approximately 500 students annually joining the NSS unit, ANITS facilitates impactful activities like plantation programs, blood donation camps, and waste management initiatives, involving hundreds**

of participants. Noteworthy efforts include beach cleanups, yoga sessions promoting wellness, and campaigns advocating for a tobacco-free society. Over five years, 18 such activities addressing societal and environmental concerns engaged around 1690 students. Particularly significant is the blood donation initiative, with over 900 volunteers donating through collaborations with Lions Club and NRI blood bank, exemplifying ANITS' commitment to humanitarian causes. These endeavors reflect the institute's dedication to fostering a socially responsible ethos among its student body, enriching both individuals and communities alike.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://www.anits.edu.in/nss_ncc.php |

**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**

13

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

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

22

| 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**

1684

| 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

**930**

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

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

**14**

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

## INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

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

**Located near Visakhapatnam, the institution boasts exceptional infrastructure spread across 10.5 acres with 4,20,000 sq. mt. built-up area, serving stakeholders' needs efficiently. Featuring nine engineering departments and supporting units like English, Mathematics, Physics, Chemistry, and Training & Placement, each department is equipped for effective teaching and learning. With 80**

classrooms, 62 labs, 5 seminar halls, 4 drawing halls, an A/C auditorium, and open auditorium, the campus ensures comprehensive facilities. Wi-Fi covers the entire area promoting e-learning. Labs are furnished with state-of-the-art technology aligned with the curriculum.

Classrooms are equipped with LCD projectors and technical tools for collaborative learning. Labs focus on practical skills development, including language labs for communication mastery. Seminar halls are equipped with Wi-Fi and audio-visual aids. The institution boasts 1128 computers and a robust network infrastructure. The library spans 12000 sq. ft., offering digital resources and departmental libraries. A 500KVA generator ensures uninterrupted power supply, with facilities for differently-abled students, RO water plants, and a robust fire safety system. Additionally, the institution provides transportation, hostel, banking, and dining facilities, enriching academic and extracurricular experiences.

| 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.)

The college's Physical Education department promotes gender equality in sports, fostering leadership, teamwork, and resilience. Students are encouraged to engage in inter-collegiate, inter-university, state, and national-level competitions. The college offers facilities for indoor games like Badminton, Table Tennis, Chess, Weightlifting, Powerlifting, and Caroms, and outdoor sports like Basketball, Volleyball, Handball, Netball, Kho-Kho, Kabaddi, Throwball, and Cricket.

Yoga is integrated into campus life, with a dedicated center accommodating 200 members and regular sessions in collaboration with nearby institutes. The gymnasium, equipped with essential fitness gear, serves both faculty and students, promoting mental and physical well-being.

Cultural activities thrive through departmental clubs, utilizing student activity rooms, the open auditorium, and campus spaces. Tech fests, cultural events, and college day celebrations provide

**platforms for talent showcase, fostering a vibrant campus culture.**

| File Description | Documents |
|---|---|
| Geotagged pictures | [View File](#) |
| Upload any additional information | **No File Uploaded** |
| Paste link for additional information | [https://www.anits.edu.in/sports.php](https://www.anits.edu.in/sports.php) |

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

**85**

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

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

**364.42**

| File Description | Documents |
|---|---|
| Upload audited utilization statements | [View File](#) |
| Details of Expenditure, excluding salary, during the years | [View File](#) |
| Any additional information | **No File Uploaded** |

**4.2 - Library as a Learning Resource**

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

**The college library is efficiently managed with LIBSYS.4.0, allowing users to access its extensive collection via the college LAN. It aids in book, document, and journal searches, enhancing user experience. Besides the central library, each department maintains its own library.**

**Established in 2001, the Central Library at ANITS is a prominent**

resource hub for engineering and technology. Spanning over 12000 sq.
ft., it houses a comprehensive collection including 40,186 books,
8,401 titles, 91 journals, and various digital resources. LIBSYS
software streamlines library operations. High-speed internet is
available for 40 systems, facilitating research and study. A digital
library equipped with modern tools offers additional services like
NPTEL access and institutional digital repository.

Operating from 8:00 A.M. to 7:00 P.M. on working days, the library
provides reprography facilities and internet-enabled systems for
browsing and downloading. With a user-centric approach, it ensures
seamless access to resources, offering lending services,
photocopying, and internet facilities. The library serves as a
dynamic academic space, fostering research and learning.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://library.anits.edu.in/libsys.php |

| 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)**

14.02

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

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

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

**812**

| 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

**The computer development and maintenance cell (CDM) and the website committee constituted in the college ensure IT policy implementation. In means of providing internet access to students and faculty, the institute is well equipped with 974 systems with connectivity of 100 Mbps band with a with1:1 connection ratio. More than 100 systems are available for administrative, examination section and other academic needs. The periodical updates and maintenance are done by qualified in-house personnel.**

**The principal's office, Administrative office, examination section, Training and placement cell and senior Faculty member cabins and all Departments are well equipped with computer systems, scanners, printers, reprography machines, and Wi-Fi routers with advanced configurations.**

**The computer labs are with internet facility and are respectively installed with licensed software in all departmental labs depending on requirements like MAT lab, Auto CAD, Stad Pro, Turbo C++, Catia, Solidworks, and ANSYS which are upgraded to meet the students as provided in the syllabus and in pursuit of student's need, if any. The whole campus is Wi-Fi connected and SOPHOS software is used for**

**network security.**

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional information | https://naac.anits.edu.in/4/4.3.1(1).pdf |

### 4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|---|---|
| **5076** | **1128** |

| 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 | View File |

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

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | **Nil** |
| List of facilities for e-content development (Data Template) | View File |

| **4.4 - Maintenance of Campus Infrastructure** |
|---|

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

**502.37**

| File Description | Documents |
|---|---|
| Audited statements of accounts | [View File](#) |
| Upload any additional information | [View File](#) |

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

**The institution prioritizes maintaining its facilities with dedicated staff overseeing building maintenance, transportation, electrical systems, housekeeping, and gardening.**

**Laboratories undergo regular equipment inspections and routine maintenance, with minor repairs handled by designated staff. Library maintenance includes stack monitoring, display rack management, and periodic cleaning to prevent damage from pests and dust, overseen by a library oversight committee.**

**Sports facilities receive year-round maintenance, ensuring the upkeep of playgrounds, equipment, and infrastructure. IT management involves system administrators addressing network, software, and hardware issues, with regular updates and maintenance routines.**

**Classrooms' ICT infrastructure is assessed each semester, while regular cleaning ensures a conducive learning environment. Electrical maintenance, including servicing and monitoring water filtration systems, is supervised by the HOD/EEE and designated staff, with a committee overseeing electrical operations.**

**Transportation services provide quality options for students and employees, with college buses operating city-wide. Overall, the institution ensures thorough maintenance across all facilities to support its academic and operational needs.**

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional information | https://naac.anits.edu.in/4/4.4.2(1).pdf |

**STUDENT SUPPORT AND PROGRESSION**

**5.1 - Student Support**

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

**2765**

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

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

**1015**

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

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

| File Description | Documents |
|---|---|
| Link to Institutional website | https://www.anits.edu.in/student_development.php |
| Details of capability development and schemes | View File |
| 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**

**1554**

| 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) | View File |

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

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

**5.2 - Student Progression**

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

**1046**

| File Description | Documents |
|---|---|
| Self-attested list of students placed | [View File](#) |
| Upload any additional information | **No File Uploaded** |

**5.2.2 - Number of outgoing students progressing to higher education**

**48**

| File Description | Documents |
|---|---|
| Upload supporting data for students/alumni | [View File](#) |
| Details of students who went for higher education | [View File](#) |
| Any additional information | **No File Uploaded** |

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

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

**98**

| File Description | Documents |
|---|---|
| Upload supporting data for students/alumni | [View File](#) |
| 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 | [View File](#) |
| 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

**The ANITS student council plays a pivotal role in fostering student involvement and soft skill development through on and off-campus engagements. Students are empowered to hone skills like teamwork, coordination, and self-belief through various committees and activities:**

1. **Library Committee: Manages library development and addresses student concerns.**
2. **Sports Committee: Enhances sports facilities and organizes events.**
3. **Hostel Mess Committee: Oversees food quality and general facilities.**
4. **IQAC: Contributes to quality initiatives.**
5. **Placements Committee: Organizes placement activities and disseminates policies.**
6. **Editorial Board: Showcases student talents through magazines and newsletters.**
7. **Grievance Redressal Committee: Addresses student grievances.**
8. **Department Tech Fests/College Day Committees: Enhances organizational and leadership skills.**
9. **Class Review Committee (CRC): Facilitates student-faculty interaction.**
10. **Professional Bodies: Runs student chapters of professional societies.**
11. **Humanitarian and Social Awareness Bodies: Engages in societal issues and activities like NSS.**
12. **Clubs: Cultural, literacy, and technical clubs provide platforms for talent enhancement and skill showcasing.**

**Through active participation in these committees and clubs, students develop vital skills while contributing to the institution's growth and development.**

| 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

**49**

| File Description | Documents |
|---|---|
| Report of the event | [View File](#) |
| List of sports and cultural events / competitions organised per year | [View File](#) |
| Upload any additional information | **No File Uploaded** |

## 5.4 - Alumni Engagement

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

**The ANITS Alumni Association (AAA), a registered body, fosters connections among alumni, staff, and management, actively engaging in various activities to support the institution's goals. Regular alumni meetings facilitate networking and collaboration, with alumni entrepreneurs encouraged to incubate ideas at ANITS.**

**Alumni involvement extends to curricular and co-curricular activities, providing feedback for curriculum improvement, mentoring students for placements, conducting expert talks, and facilitating mock interviews. Many alumni hold prominent positions in diverse fields, contributing to the institution's reputation and success.**

**Financially and non-financially, alumni support the college, offering career advice, mentoring, and assistance in placements. They participate in lectures, newsletters, and events, sharing knowledge and experiences with current students. Alumni gatherings maintain connections, and their information is stored in a database for communication.**

**Furthermore, alumni support student clubs financially and through knowledge sharing, aiding in practical projects like go-karts and robots. Additionally, established alumni provide financial aid to**

economically disadvantaged students excelling academically, demonstrating a commitment to fostering talent and success within the ANITS community.

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

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

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

The Institute's ethos, fundamental beliefs, and performance are encapsulated in its vision, mission, and quality policy statements:

Vision: ANITS aspires to evolve into a globally renowned technical institution, epitomizing a harmonious fusion of technological prowess and profound human values.

Mission: Our mission is to nurture young minds into adept and self-assured engineers equipped with exemplary communication skills, prepared to confront the evolving landscape of technological advancements. We achieve this by delivering comprehensive technical education, leveraging top-notch infrastructure, exceptional technical expertise, and fostering an exemplary work environment, while instilling in them the values of responsible citizenship.

Quality Policy: ANITS is committed to delivering superior technical education, continually striving for excellence in teaching, training, and human resource development. We encourage our faculty and staff to work collaboratively, updating their knowledge and skills to align with industry requirements. Our governance structure ensures participatory decision-making, driven by the institution's vision and goals. The Board of Governors oversees academic growth

and development, ensuring decisions align with institutional principles. The principal, supported by department heads and administrative officers, ensures seamless management, promoting participative leadership. Various committees, as per UGC guidelines, facilitate governance and execution, ensuring quality through regular audits.

Faculty, students, and alumni actively engage in decision-making processes, fostering transparency, teamwork, and practical decision-making. Stakeholder input drives innovation and improvement, enhancing institutional processes' effectiveness and efficiency under the umbrella of good governance.

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional Information | https://www.anits.edu.in/vm.php |

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

The institution operates through decentralized and transparent management, spanning administration, finance, and academics. Responsibility is appropriately delegated from top-level management to lower levels, enabling focused policy-making and major decisions at the apex. Statutory committees like Governing Bodies, Academic Councils, and Finance Committees are meticulously constituted, each with specific functions pertaining to governance, academics, finance, and research. The Governing Body formulates rules, delegates authority, and amends regulations, while the Academic Council, comprising department heads, drives academic decisions. Administrative and academic powers are further delegated to department heads for smooth operation. Non-statutory committees handle diverse tasks, such as anti-ragging and grievance redressal. This decentralized approach extends to department levels, with structured committees overseeing programs and decisions. Regular interactions between principal, heads of departments, and governing body members shape departmental and institutional development. Stakeholders, including faculty, students, alumni, industry experts, and educationists, actively participate in decision-making through various committees, ensuring representation and democratic involvement. Regular meetings at all levels foster participative management, reflecting the institution's commitment to decentralized administration and participative leadership, driving a democratic

decision-making culture, aligning with the institution's goals, and nurturing a robust organizational ethos.

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | View File |
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://anits.edu.in/iqacsp.php |

## 6.2 - Strategy Development and Deployment

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

The institution's strategic plan is intricately aligned with its vision, mission, and objectives, developed through stakeholder inputs gathered via focused group discussions. The current strategy outlines nine goals for a five-year period, aiming for excellence through optimal resource utilization. Regular reviews ensure alignment with long-term and short-term objectives, with compliance reports assessing previous strategic plan parameters. The new strategy considers global needs, societal issues, and a SWOT analysis. Activities and resources are deployed to achieve set targets, resulting in tangible outcomes such as increased PhD enrollments, publications, and ICT facility usage. Faculty development programs, new courses, and enhanced industry engagement are part of the plan's execution. The present strategy emphasizes expanding educational domains, enriching teaching-learning experiences, fostering lifelong learning, bolstering human resources and research, strengthening industry ties, fostering innovation, and promoting alumni engagement. It prioritizes academic excellence, student well-being, impactful research, faculty development, industry collaboration, employability, and sustainability across social, economic, and environmental realms. The institution commits to vigilant progress monitoring and necessary interventions to realize its overarching goals effectively.

| File Description | Documents |
|---|---|
| Strategic Plan and deployment documents on the website | [View File](#) |
| Paste link for additional information | https://anits.edu.in/iqacsp.php |
| 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 boasts a well-defined organizational structure, crucial for streamlined decision-making aligned with its objectives. At its core is the Board of Governors (BOG), the apex body steering administrative and academic realms, ensuring effective decision-making across all levels.

The Academic Council, the pinnacle of academic discourse, shapes and advises on all matters educational. It meticulously reviews proposals from departmental Boards of Studies (BoS), endorsing or refining academic initiatives while guiding the BOG on new programs and other academic affairs.

The BoS, in turn, crafts course syllabi, emphasizing institutional objectives, stakeholder interests, and national imperatives. It pioneers innovative teaching methodologies and evaluates academic activities, fostering a culture of research and excellence.

The Finance Committee, an advisory arm to the BOG, scrutinizes budgetary allocations, ensuring fiscal prudence and accountability.

Complementing these statutory bodies are committees addressing contemporary concerns. The Grievance Redressal Committee, inclusive of a women's component, swiftly resolves faculty, student, and parent grievances with confidentiality and impartiality.

Transparent governance is upheld through periodically revised institutional regulations, disseminated via various channels including the college website. Manuals covering diverse facets from administrative protocols to environmental policies ensure clarity and compliance.

Supplementing the statutory framework are non-statutory bodies, harmonizing policy implementation across all spheres of

institutional functioning.

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://www.anits.edu.in/organizationchart.php |
| Upload any additional information | No File Uploaded |
| Paste link for additional Information | https://anits.edu.in/policy.php |

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

| File Description | Documents |
|---|---|
| ERP (Enterprise Resource Planning) Documen | View File |
| Screen shots of user interfaces | View File |
| Details of implementation of e-governance in areas of operation | View File |
| Any additional information | No File Uploaded |

## 6.3 - Faculty Empowerment Strategies

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

ANITS prioritizes human resources as pivotal for its growth trajectory and mission fulfillment. Various initiatives underline its commitment to staff welfare:

1. **Diversity and Respectful Workplace:** Upholding a harmonious environment, irrespective of individual differences, fosters mutual respect and collaboration.

2. **Wage and Salary Administration:** Equitable compensation practices, alongside a systematic appraisal system, ensure fair rewards and benefits for all staff.

3. **Employee Benefits:** Comprehensive benefits like EPF and ESI provisions cater to the welfare of all staff members.

4. **Health and Hospitalization Benefits:** Accessible medical services, including Group Medical Insurance and discounts on hospitalization charges, prioritize staff health.

5. **Leave and Holidays:** A range of leave types, from vacation to medical, supports staff well-being and professional commitments.

6. **Career and Professional Development:** Financial aid for conference attendance, incentives for research excellence, and support for higher education demonstrate a commitment to staff growth.

7. **Recognition for Excellence:** Annual awards and recognition ceremonies celebrate staff contributions, fostering a culture of achievement.

8. **Recreation:** Facilities like indoor sports and recreational events promote work-life balance and camaraderie among staff.

These measures underscore ANITS's dedication to creating a conducive and supportive work environment, vital for staff satisfaction and institutional success.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://anits.edu.in/policy.php |

**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**

131

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

11

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

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

174

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

**6.4 - Financial Management and Resource Mobilization**

6.4.1 - Institution conducts internal and external financial audits regularly

The Institute operates a rigorous financial compliance mechanism, conducting regular audits to ensure accountability. Financial records undergo thorough scrutiny by a team of experts who meticulously examine transactions, receipts, journals, and ledger accounts. Any discrepancies identified by auditors are promptly rectified. Annual reviews are conducted using an accrual basis system to assess income, expenditures, and balance sheets.

Moreover, the Institution implements a structured resource management system, where departments forecast their financial needs across capital, maintenance, operational, and developmental budgets. These proposals undergo approval by the governing body before allocation. Departments utilize allocated funds for various activities, overseen by a purchase committee ensuring both technical

suitability and cost-effectiveness of purchases.

To promote transparency, audited financial statements are publicly accessible on the Institute's website and furnished to relevant regulatory bodies. This meticulous approach ensures not only compliance with financial regulations but also effective and efficient resource utilization, fostering trust and accountability within the Institution.

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional information | https://anits.edu.in/auditstatements.php |

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

**1.27428**

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

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

Sources of income: The major source of income for the Institute is the annual fees collected from the students. The fee is fixed by the government of Andhra Pradesh based on the recommendations of APHERMC which is the fee regulating authority. Funds received from organizations such as UGC, AICTE, DST, ISTE etc are used to conduct research, organise seminars and conferences, modernization of labs and travel grants. The Institute has a well-defined policy to carry out the consultancy works by the faculty.

Optimum utilization of resources: Each department prepares the proposals under four different heads of account carefully considering the previous year's expenses, and developmental activities are foreseen for the next academic year. The yearly budget is divided into 4 quarterly requirements for the effective

utilization of funds. For major equipment, the departments ascertain from the suppliers the tentative costs so that there will be a clear assessment of expenses and thus the utilization of funds is done optimally. The budget is normally prepared well before the commencement of the academic year so that academic activities run smoothly. After assessing the projected income and expenses for an academic year, the Institute's governing body approves the budget for each department. After the allocation, the departments can avail the financial resources for various activities in the department and as it is well planned, the expenses are within the sanctioned amount. Budget utilization is reviewed at regular intervals to ensure the funds are utilised optimally.

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

## 6.5 - Internal Quality Assurance System

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

The Institute's Internal Quality Assurance Cell (IQAC) operates with a commitment to continuous improvement, embracing the philosophy of Kaizen. Its initiatives have become integral to the institution, fostering a culture of quality consciousness among staff and enhancing diversified activities. Emphasizing a student-centric approach, IQAC supports all academic endeavors.

Key practices established by IQAC include:

1. Academic Audit of Departments: Conducted annually, internal audits allow departments to evaluate their performance across seven parameters, including teaching-learning processes, student support systems, and continuous improvement. Auditors, senior faculty members from various departments, assess departmental performance and provide recommendations for improvement. External audits, focusing on CO-PO attainment and teaching-learning processes, are also organized.

2. Academic Research Support: IQAC initiatives promote research

activities through faculty motivation, development programs, and sponsorship for PhD pursuits. This support has led to tangible outcomes, such as increased research publications per faculty and a rise in the number of doctorates awarded over five years. Faculty participation in online courses for knowledge enhancement has also surged, reflecting a commitment to staying abreast of outcome-based education and emerging technologies.

| File Description | Documents |
|---|---|
| Upload any additional information | **No File Uploaded** |
| Paste link for additional information | https://anits.edu.in/iqac.php |

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

The Internal Quality Assurance Cell (IQAC) has been instrumental in enhancing the academic environment, teaching methodologies, curriculum development, and research culture within the institution. Various quality assurance measures, such as course planning, faculty-generated course files, feedback mechanisms, and remedial classes, ensure continuous improvement.

Two impactful practices in teaching and learning facilitated by IQAC are:

1. E-Learning Platform: Leveraging MOODLE as a learning management system, faculty upload resources, lecture notes, and conduct assessments beyond the curriculum. Central monitoring and departmental coordinators ensure effective implementation. This initiative has notably improved student pass rates, from 76% in 2017-18 to 96.75% in 2021-22, reflecting positively on course and program outcomes.

2. Skill Development and Training: Recognizing the importance of non-domain skills, IQAC initiated comprehensive training programs integrated into the curriculum. From skill-oriented courses to problem-solving training and industry-specific internships, these measures prepare students for the professional landscape. This holistic approach has led to increased placements and elevated placement quality,

showcasing the efficacy of IQAC's initiatives in enhancing student employability and overall educational outcomes.

| File Description | Documents |
|---|---|
| Upload any additional information | No File Uploaded |
| Paste link for additional information | https://anits.edu.in/iqac.php |

| | |
|---|---|
| **6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)** | A. Any 4 or all of the above |

| File Description | Documents |
|---|---|
| Paste the web link of annual reports of the Institution | Nil |
| Upload e-copies of accreditations and certification | View File |
| Upload details of quality assurance initiatives of the institution | View File |
| 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

ANITS prioritizes the empowerment of women as pivotal for societal, national, and global development. With 40% female faculty and 30% female students, the institute actively fosters gender inclusivity. Notably, 25% of department heads are women, integral to decision-making processes. Various initiatives ensure women's safety and welfare, including a dedicated grievance redressal committee and

comprehensive surveillance via centralized control rooms and security personnel.

Separate, secure hostel facilities with biometric attendance cater to both genders. Reserved seating on common transport and complaint/suggestion boxes enhance accessibility and feedback mechanisms. A robust mentoring system, maintaining a ratio of 1 mentor to 20 students, offers academic support and addresses personal concerns.

Moreover, the provision of ladies' waiting rooms across departments prioritizes women's comfort and well-being. ANITS's commitment to women's empowerment extends beyond mere representation, incorporating practical measures to ensure a conducive environment for their growth and success. Through these initiatives, ANITS aims to foster a culture of gender equality and support the holistic development of all its members.

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

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

| File Description | Documents |
|---|---|
| Geotagged Photographs | [View File](#) |
| Any other relevant information | No File Uploaded |

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

Solid Waste Management: Dry solid waste is deposited by departments in a campus collection pit, collected daily, inspired by the Swachh Bharat Mission. The Twin-Bin system segregates recyclable and biodegradable waste, with student-led recycling of papers and notebooks. Chemical and hazardous waste is disposed of according to regulations. The campus emphasizes online communication to reduce

paper use and bans plastic utensils, opting for composting organic waste.

Liquid Waste Management: A 200 KL/day Sewage Treatment Plant serves both campus and hostel, with treated water used for flushing and gardening. Chemistry and Environment Engineering Labs dispose of liquid chemicals safely.

E-Waste Management: A buy-back agreement governs electronic purchases, with LCD monitors and LED lighting reducing energy consumption. Students organize E-waste collection bins across departments, recycled through authorized vendors.

Solar Power: A 450 KWp solar plant on block rooftops connects to the grid, promoting sustainable energy practices. These initiatives underscore the institution's commitment to environmental stewardship and sustainability, integrating student involvement and technological solutions for a cleaner, greener campus.

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

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

A. Any 4 or all of the above

| File Description | Documents |
|---|---|
| Geotagged photographs / videos of the facilities | View File |
| Any other relevant information | 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 | [View File](#) |
| Various policy documents / decisions circulated for implementation | [View File](#) |
| Any other relevant documents | **No File Uploaded** |

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

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

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

**A. Any 4 or all of the above**

| File Description | Documents |
|---|---|
| Reports on environment and energy audits submitted by the auditing agency | [View File](#) |
| Certification by the auditing agency | **No File Uploaded** |
| Certificates of the awards received | **No File Uploaded** |
| Any other relevant information | **No File Uploaded** |

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

**A. Any 4 or all of the above**

**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.**

| File Description | Documents |
|---|---|
| Geotagged photographs / videos of facilities | View File |
| Policy documents and brochures on the support to be provided | View File |
| Details of the software procured for providing assistance | **No File Uploaded** |
| Any other relevant information | **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 institute champions inclusive education, ensuring every student, irrespective of challenges, receives top-notch instruction and support to excel. A nurturing environment fosters respect, diversity, and fairness campus-wide. High expectations empower students, fostering a belief in their capabilities. Peer support cultivates empathy and positive attitudes, reinforcing prosocial behavior.**

**Outcome-based learning, involving all stakeholders, integrates societal issues into the curriculum, personalized to student needs. Induction programs align with AICTE norms, promoting harmony and understanding of diverse socio-economic issues.**

**Community-based learning tasks instill inclusive values, fostering tolerance and understanding of different cultures. Faculty and staff enjoy an inclusive environment, where diverse opinions are welcomed, and everyone feels safe and valued. Decision-making processes embrace participatory culture, ensuring stakeholder involvement.**

**Clear communication of strategic goals drives progress, while acknowledging and celebrating staff achievements fosters a positive work culture. Through these initiatives, the institute strives to**

create an inclusive, supportive, and empowering ecosystem conducive to holistic student development and organizational success.

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

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

The Institute not only focuses on academic excellence but also strives to nurture students into responsible citizens. Embedded within its vision and mission, the Institute emphasizes instilling the best human values and molding students into good citizens. Courses like Professional Ethics and Human Values are integrated into the curriculum, fostering a sense of unity among students.

Faculty-led initiatives promote practices that embrace the "Unity in Diversity" ethos of the nation. Celebrations of national events like Independence Day and Republic Day instill awareness of national identities and symbols. Co-curricular and extracurricular activities, including seminars, conferences, and poster competitions, enrich students' understanding of societal issues.

Through activities like mock parliaments and legal issue competitions, students engage informally in understanding constitutional obligations. NSS programs and social service activities further reinforce their roles as responsible citizens. From Swachh Bharat campaigns to COVID awareness drives, students actively participate in community initiatives, fostering a sense of duty and responsibility towards society.

Over the past five years, the Institute has diligently worked to enhance student awareness and practice in various civic areas, ultimately shaping them into conscientious and socially aware citizens.

| 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 | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims | View File |
| Any other relevant information | No File Uploaded |

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

The institute annually observes numerous national and international commemorative days, underlining their significance through diverse activities:

Republic Day on 26th January celebrates India's Constitution enactment with flag hoisting, essay/quizzes, and student speeches. Science Day on 28th February marks Raman effect's discovery, fostering scientific thinking.

International Women's Day on 8th March honors women's achievements, promoting gender equality with dedicated events. World Water Day on 22nd March raises awareness about water conservation through NSS-led programs.

World Environment Day on 5th June promotes sustainability with themed competitions. International Yoga Day on 21st June encourages yoga's benefits through group activities.

Independence Day on 15th August commemorates freedom fighters'

sacrifices, evoking patriotism. Teachers' Day on 5th September honors educators, with departmental events organized by students.

Engineers' Day on 15th September celebrates Sir Visvesvaraya's contributions, inspiring students. World Students' Day on 15th October honors APJ Abdul Kalam's legacy, fostering educational passion.

National Education Day on 11th November pays tribute to Sri Maulana Abdul Kalam Azad's birth, emphasizing the value of education. Through these commemorations, the institute instills values, celebrates achievements, and inspires students towards holistic development.

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

## 7.2 - Best Practices

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

Fostering Social Responsibility and Self-Directed Learning

The institute prioritizes nurturing social consciousness alongside academic prowess. Initiatives like the NSS unit and UNNAT BHARAT ABHIYAN engage students in community welfare, addressing local issues through surveys and interventions. Efforts encompass education, health, and disaster relief, with a focus on digital literacy, hygiene, and environmental conservation.

Impact Analysis:

1. Enhanced Village Well-being: Implemented schemes uplift village infrastructure and hygiene standards.
2. COVID-19 Mitigation: Villagers educated on preventive measures, reducing infection rates.
3. Environmental Sustainability: Plantation drives and waste management initiatives promote eco-consciousness.
4. Character Development: Increased participation fosters a sense

of duty and citizenship.
   5. Career Growth and bolster students' employability.

**Empowering Self-Learning through ICT Tools**

The institute integrates digital resources into its curriculum to promote self-directed learning. Platforms like NPTEL-SWAYAM and MOODLE offer diverse courses, enabling students to pursue advanced topics and develop lifelong learning habits. Faculty support and extended library hours address challenges of internet access, ensuring equitable participation.

**Impact Analysis:**

   1. **Academic Proficiency:** Access to online resources enhances subject and exam performance.
   2. **Skill Enhancement:** Exposure to programming languages and online courses enhances job readiness.
   3. **Confidence Building:** Participation in national/international events boosts self-assurance and career prospects.
   4. **Career Advancement:** Proficiency in emerging technologies expands job opportunities and career.

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://anits.edu.in/iqacbp.php |
| Any other relevant information | Nil |

## 7.3 - Institutional Distinctiveness

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

Our institution prioritizes the holistic development of students, focusing on their social, emotional, physical, mental, and intellectual growth to prepare them for the challenges of the 21st century. By integrating the flavors of NEP 2020 into the curriculum, the institution ensures a student-centric approach and instills 21st-century skills and emerging technologies for industry readiness. Through dynamic teaching methods and life skills imparted via various curricular and co-curricular activities, students develop problem-solving, communication, and teamwork skills. The curriculum also includes courses on innovation and entrepreneurship, fostering an entrepreneurial mindset among students.

Social responsibility is ingrained in students through initiatives like NSS and UBA, where they engage in outreach activities and rallies to address social issues. Morally, students are guided by courses on professional ethics and human values, promoting integrity, respect, and service to the nation. Physically, the institute encourages sports and fitness activities, organizing annual sports events and providing well-equipped gymnasiums. Emotionally, students are supported through mentor-mentee counseling systems and internal complaint committees, ensuring a safe and supportive campus environment.

With a comprehensive approach to education, our institution nurtures intellectually competent, morally upright, physically robust, emotionally balanced, and socially committed engineers, empowering them for successful and meaningful lives.

| File Description | Documents |
|---|---|
| Appropriate link in the institutional website | https://anits.edu.in/iqacdns.php |
| Any other relevant information | No File Uploaded |

7.3.2 - Plan of action for the next academic year

The following are the major activities for the next acadamic year:
1. Implementation of new curriculumn R23 2. Increase in Research activities and quality publications 3. Renovation of Computer Labs 4. Increase in student intake