



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

Part A	
Data of the Institution	
1.Name of the Institution	Army Institute of Technology
• Name of the Head of the institution	Brig A A Bhat
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	0207249250184
• Mobile no	9967032089
• Registered e-mail	director@aitpune.edu.in
• Alternate e-mail	naac_coord@aitpune.edu.in
• Address	Army Institute of Technology, Dighi Hills, Alandi Road, Pune
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411015
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing
• Name of the Affiliating University	Savitribai Phule Pune University
• Name of the IQAC Coordinator	Dr. Sushma A Patil
• Phone No.	0207249250184
• Alternate phone No.	0207249250185
• Mobile	9923298051
• IQAC e-mail address	iqacoffice@aitpune.edu.in
• Alternate Email address	swadar@aitpune.edu.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.aitpune.com/Documents/naacreports/AQAR%202022-23.pdf
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	Yeshttps://www.aitpune.com/Documents/AcademicCalendar/Academic%20Calendar%202023%20-%2024%20Sem%20I.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	77.1	2004	16/02/2004	15/02/2009
Cycle 2	B	2.81	2010	04/09/2010	13/09/2015
Cycle 3	A	3.06	2016	16/09/2016	15/09/2021
Cycle 4	B+	2.73	2022	02/05/2022	02/05/2027

6.Date of Establishment of IQAC**25/02/2005****7.Provide the list of funds by Central / State Government****UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Sunil Dhore	Central Government	Central Government	2021 2 years	7.4578Cr

8. Whether composition of IQAC as per latest NAAC guidelines	Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File	
9. No. of IQAC meetings held during the year	04	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
New feedback system for all stakeholders was implemented.		
Internal and external audits for all the departments were conducted.		
Result Analysis done for all departments done and action planned		
Quantified Goals and Targets were given to all the departments.		
Major infrastructure developments were carried out due to start of new program, Automation and Robotics.		
12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		
Plan of Action	Achievements/Outcomes	
AQAR Preparation	AQAR submitted	
Result Analysis	Analyzed and Action taken report	
Feedback from all Stake holders	Analyzed and Action taken report	
New SOP for R&D incentives	Implemented	

13. Whether the AQAR was placed before statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th data-bbox="84 427 770 495">Name</th> <th data-bbox="770 427 1474 495">Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td data-bbox="84 495 770 551">College Development Committee</td> <td data-bbox="770 495 1474 551">06/12/2022</td> </tr> </tbody> </table>	Name	Date of meeting(s)	College Development Committee	06/12/2022	
Name	Date of meeting(s)				
College Development Committee	06/12/2022				
14. Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th data-bbox="84 651 770 719">Year</th> <th data-bbox="770 651 1474 719">Date of Submission</th> </tr> </thead> <tbody> <tr> <td data-bbox="84 719 770 775">2023</td> <td data-bbox="770 719 1474 775">02/08/2023</td> </tr> </tbody> </table>	Year	Date of Submission	2023	02/08/2023	
Year	Date of Submission				
2023	02/08/2023				
15. Multidisciplinary / interdisciplinary					
<p>Third year and final year can opt for the open elective subjects that are interdisciplinary, audit courses and honours courses Not only in academics, but the students from all years are encouraged and motivated to participate in various technical as well as non technical events within and outside institute. AIT being an engineering college and affiliated to Savitribai Phule Pune University, Pune has certain limitations in curriculum designing, however, many more initiatives have been taken in promoting interdisciplinary academic activities. The Institute has various Cells and Clubs completely handled by faculty and students from all years. These cells and clubs help and encourage the students to formulate teams from different disciplines while participating in events. This strongly inculcates a sense of responsibility and helps in building multidisciplinary or interdisciplinary culture among students while participating. This type of multidisciplinary/interdisciplinary initiatives have also helped the institute to earn many laurels. Institute has initiated one PG course in Data Science for which any engineering graduate is eligible for admission.</p>					
16. Academic bank of credits (ABC):					
<p>AIT is affiliated to SPPU, Pune and is working on the concept of Academic bank of credits (ABC), to establish "credit transfer" mechanism for providing academic mobility to students. Institute ensures that every student from second and third year opts for online courses through National schemes like SWAYAM, NPTEL, V-Lab etc. Students are encouraged to do at least one value added course or MOOC course in each semester. This provides platform to students to have</p>					

education with interdisciplinary approach and also due consideration is given for obtaining certification.

17.Skill development:

Skill development is one of the major quality aspect institute is focusing. Institute is focusing on skill development through extension sessions, industry internships and industry projects. Institute is conducting the skill development courses as designed by affiliating university from third semester onwards, in various programs. These courses impart knowledge of technical hard skills as well as soft skills. Hands on training sessions, spoken tutorials are conducted for all-round development of the students. Student chapters of professional bodies organizes workshops on various topics with the involvement of professionals from various sectors to provide hands-on experience to students. These associations of institute provide platform for co-curricular and extra-curricular activities.

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

The core values of AIT are excellence, honesty, integrity, team work, continuous learning and innovation. These core values are the guidelines for stimulating Indian knowledge system in the institute. For promoting the Indian languages, students are encouraged to participate in various art and cultural activities. Cultural Board, Magazine Board and Fine Art club in the Institute arrange training sessions and competitions on creative arts and culture, literary activity, proficiency modules on regular basis to instigate the importance of Indian Language and culture. Ethics, art and craft, cultural activities, motivational talks and different activities such as celebration of National International Days are organized for the holistic development of the students. Health camps, yoga day celebrations, blood donation camps, river cleanliness drive, blind school visit and many more extension and social activities are organized the institute for sensitization of students towards societal issues and for civilization of students. All the festivals are celebrated by the students through the Spiritual club which is good for communal unity and harmony. Hindi Debate is organized by debate club, to enhance the elocution skills of the students. Annual intra collegiate sports and cultural competition "Aakrit" and inter collegiate sports and cultural competition 'Pace' and 'Amethyst' are conducted annually. Indian culture is reflected through various performances during these events and special efforts are put for the same. This also helps in inculcating linguistic skills and performing arts, which ultimately leads to enhancement in Indian cultural values.

amongst the students

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

The Institution has adopted outcome based education in all respects with clearly stated program educational objectives(PEO), program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO). For every subject course outcome are set by the affiliated university, SPPU which can be modified by the respective course faculty and are mapped with program outcomes and program specific outcomes. Based on mapping of CO and PO, the gaps are identified and to bridge these various curricular activities are organized. Departments have well defined policy to calculate attainment of COs and POs. In addition to the domain specific skills, the learning outcomes ensure ethics, social responsiveness as well as entrepreneurial skills, so as to make the students capable of contributing to environmental, social and economic well-being of the society.

20.Distance education/online education:

Infrastructural facilities at the institution are capable of supporting online teaching. The online platforms are extensively being used for engaging classes as well as for conducting workshops and webinars. Virtual laboratories are being used for conducting online practical sessions. Institution has adopted blended mode of teaching that combines online and offline resources. Lecture Management System is in place. Faculty members attended MOOCs, FDPs, and STTPs to strengthen their hold on the online teaching platforms and have also created academic material (videos, power point presentations, notes, lab manuals) required for online teaching and learning. Faculty members upload the developed material on online platform, youtube. Students undergo online courses through schemes like SWAYAM, NPTEL, COURSERA, Spoken Tutorial.

Extended Profile

1.Programme

1.1 362

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

File Description	Documents
Data Template	View File

2.Student2.1 1508

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 00Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 358

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic3.1 77

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 92

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	362
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1508
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	00
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	358
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	77
File Description	Documents
Data Template	View File

3.2	92
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	23
Total number of Classrooms and Seminar halls	
4.2	969.03
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	767
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Institute follows the curriculum of SPPU which includes content covering cross cutting issues relevant to Professional Ethics, Environmental and Sustainability. Issues relevant to Gender and Universal Human Values (UHV) are covered by various methods like conducting interactive sessions between juniors and seniors, group discussions and by co and extracurricular activities. Business Ethics and Professional Ethics and Etiquettes is taught as per the syllabus of SPPU throughout the BE course. Democracy Election and Governance is included in first year syllabus. Training and placement cell organizes professional training and aptitude test regularly. Sessions on gender sensitivity and UHV are conducted during three week Induction Program for First Year students. As per directions of Maharashtra State Commission for Women, Internal Complaint Cell (ICC) has been constituted and it's functional. ICC has displayed guidelines and immediate contact numbers in academic block and hostels. To promote gender equity among the students institute promotes equal representation of both genders in the

leadership positions of class and college level clubs and committees. Special academic excellence awards are given to girl students. Outdoor sessions are organized to sensitize students to ecological and environmental issues. Regular tree plantation, cleanliness drives are organized through NSS club.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Before commencement of each semester institute prepares its own academic calendar, adhering to the university calendar, student co and extra-curricular activities, social initiatives, exam schedules and holidays. Based on this, every department prepares its calendar showcasing additional departmental details. Various intra and inter college events are conducted as scheduled. Delivery of curriculum and conduct of events is uploaded on ERP, by each faculty and monitored by HoDs and Principal. Biometric record of student's daily attendance is maintained on ERP and absences of student is communicated to parents by counselor regularly. Cumulative attendance and Defaulter student lists are displayed every month as per the procedure. Absent students are given extra assignments / tests to make up for their absence. Continuous assessment records for practical, tests, assignment and project is also maintained and monitored by HoD and Principal. Departments conduct project progress review and seminar presentations as per standard procedure based on academic calendar. Thus, it's observed that institute adheres to academic calendar for conduct of CIE and all other activities during the semester.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.aitpune.com/AcademicCalendar.aspx

1.1.3 - Teachers of the Institution participate in following activities related to curriculum

A. All of the above

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

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

1.2 - Academic Flexibility

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

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

05

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

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

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

147

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

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

846

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Institute follows the curriculum of SPPU which includes content covering cross cutting issues relevant to Professional Ethics, Environmental and Sustainability. Issues relevant to Gender and Universal Human Values (UHV) are covered by various methods like conducting interactive sessions between juniors and seniors, group discussions and by co and extracurricular activities. Business Ethics and Professional Ethics and Etiquettes is taught as per the syllabus of SPPU throughout the BE course. Democracy Election and Governance is included in first year syllabus. Training and placement cell organizes professional training and aptitude test regularly. Sessions on gender sensitivity and UHV are conducted during three week Induction Program for First Year students. As per directions of Maharashtra State Commission for Women, Internal Complaint Cell (ICC) has been constituted and it's functional. ICC has displayed guidelines and immediate contact numbers in academic block and hostels. To promote gender equity among the students institute promotes equal representation of both genders in the leadership positions of class and college level clubs and committees. Special academic excellence awards are given to girl students. Outdoor sessions are organized to sensitize students to ecological and environmental issues. Regular tree plantation,

cleanliness drives are organized through NSS club.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

14

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

1508

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the

A. All of the above

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.aitpune.com/NAACReports.aspx
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
440	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	

73

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

2.2 - Catering to Student Diversity

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

Students in AIT being wards of army personnel come from all parts of India. Institution employs several methods to assess students. During admission and induction their interests, soft skills and coding abilities are evaluated. On the basis of this and their JEE merit, subject teachers identify slow and advanced learners. This is further verified during class room interactions and internal tests. Special efforts are made to enhance the performance of slow learners as below: Bilingual mode of teaching for students weak in English Remedial classes Personal attention Motivation by faculty mentors. Support from student mentors in academics Special notes, assignments and solving question papers. Providing Question bank Mock examination Advanced learners are guided and encouraged towards challenging goals through following efforts: Providing value added courses to enhance the skills. Encouragement to complete MOOC courses Book bank facility. Participation in incubation center, clubs, workshops, projects, hackathons, publications and patent filing. Motivation for higher studies. To motivate students to do their best, number of scholarships and awards are established. Institute provides special soft skills training and counseling to all learners which helps them plan their career.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria2/2.2.1-adv-slow-learners.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1508	77

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The institute has long emphasized experiential learning, providing students with opportunities to acquire practical skills through project work and industry collaboration. Students tackle real-world problems provided by industries, with faculty guidance, to implement and execute solutions. Additionally, internships during summer or winter vacations and a compulsory final-year project (graded and mentored by external examiners) further enhance hands-on learning.

The institute adopts several participative learning methods, such as conferences, seminars, group discussions, quizzes, and case studies, to actively engage students. They also use task-based and problem-solving sessions in classrooms, moving away from traditional lecture-based methods. Students are encouraged to present papers, engage in role-plays, and participate in flip classrooms to deepen their learning.

The DDQ club fosters oratory skills and critical thinking through quizzes and activities that boost student confidence and global knowledge. Furthermore, problem-solving is embedded in nearly all courses to help students develop essential skills to address real-life challenges, making them more appealing to industries.

Supporting documents for various activities are provided to ensure the quality and effectiveness of these methods.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria2/231Stud-Centric.pdf

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

The Information Communication Technology (ICT) provides more engaged learning environment between teacher and students, create better connectivity among students and reduce the learning time. Results in diversified knowledge gain and enhanced problem-solving ability.

ICT tools such as laptops, desktops, LCD projectors, tablets, audio-video aids, Simulations and Virtual labs are being regularly used by teachers in teaching learning process.

All the class rooms and laboratories are ICT enabled. There is one smart classroom in every department.

Entire campus of the institution is covered with Wi-Fi and LAN based facilities which are powered by 1650 Mbps bandwidth dedicated lease line which is effectively utilized for teaching-learning process.

Faculty at AIT use various ICT enabled tools to enhance the quality of teaching-learning like-

- Microsoft Teams for online/hybrid mode conduct of classes & tests as well as dissemination of study material.
- ERP, Moodle as Learning Management System.
- Class WhatsApp groups for discussion, Information exchange and sharing.
- Virtual labs to conduct labs through simulations.
- Videos, Animation & simulations for demonstration.
- Online quizzes and polls are regularly conducted.
- Teachers have developed e-content and 4 quadrant courses on YouTube.
- Library offers a wide range of e-resources which are extended 24*7 services via remote access facilities to all stakeholders.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors**

75

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

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

77

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

36

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

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

2.4.3.1 - Total experience of full-time teachers

1070

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

AITis affiliated to SPPUand follows all regulations laid out by University regarding examination and evaluation. Our college strives to ensure a mechanism of continuous internal assessment which is innovative, transparent and fair. Greater transparency breeds more accountability.

- Internal assessment of term work is done progressively throughoutsemester and students are informed aboutweightage given to regularity in submission, completing practical with due diligence, behavioural aspects, attendance, independent learning and class activities atvery beginning ofcourse.

- Internal examinations and assignments are integral parts of Continuous Internal Evaluation (CIE) of students and is carried out through Class Test, MCQs, Assignments etc. These tests are not only for assessment of the students but also transformation of traditional education system to technologically updated assessment processes.

- Assignments are given to the students by the teachers following department specific teaching plans.
- For final year projects two reviews per semester are conducted. Review panel is formed consisting of senior faculty members assesses project work and gives suggestions for further improvement.
- Student's seminar are conducted and assessed by Review Panel.
- College has to follow examination time tables of affiliating university which includes In-sem Exam, Practical/Oral Exam and End-sem Exam

File Description	Documents
Any additional information	View File
Link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria2/2511-Int-asst-proc.pdf

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

University evaluation grievances are submitted through the Chief Examination Officer/Student Section to the University in required format. Students are counselled by their counsellors and guided by student section for filling these forms.

- University redresses these grievances.
- Grievances regarding internal evaluation are communicated by student to the HOD who enquires into the matter with concerned teacher. Suggestion boxes are mounted outside office of each HOD for students to communicate grievances. College level Grievances
- Committee also resolves different complaints raised by the students, if they are of a grave nature. The names of committee members are prominently displayed in the central foyer.

The institute has adopted the following mechanisms for redressing the grievances of the students with reference to evaluation at the University level

1. The institute's Chief examination officer (CEO) and examination section redresses University evaluation grievances.

2. They forward these grievances to the University for redressing them. Under the University evaluation redressal system students can apply for photocopy, verification and revaluation.

3. After revaluation at the University level, results are communicated to the Institute.

4. Institute communicates the same to the concerned students.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria2/252-Mechm-intexam-grievances.pdf

2.6 - Student Performance and Learning Outcomes

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

Program outcomes (POs) are the graduate attributes, a student should possess after completion of the programme. All departments in the institute have Program Outcomes (POs) and Program Specific Outcomes (PSOs). These are published on institute website, brochures and displayed at various locations in the departments. All stake holders including faculty and students are made aware about POs and PSOs.

Each course has 4 to 6 Course Outcomes (COs) defined in the syllabus by the affiliating university (SPPU). The subject teacher will use these COs while teaching his/her course or can redefine/modify it as per the requirement of the course. Students are made aware about them at the beginning of the course by the subject teacher. The COs are mapped with POs by the subject teacher using the Competencies and Performance Indicators (PIs) available in AICTE Examination reform policy. The teacher will carry out assessment of students based on these COs. The test, assignment, MCQs, seminar presentation, case study, mini project and major projects are mapped to these COs to calculate CO attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.aitpune.com/AQAR2023-24/Criteria2/2_6_1-Index.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

All the departments of the institute are accredited by NBA and they follow the guidelines given in Outcome Based Education (OBE) manual provided by the institution.

CO Attainment:

-Course Outcome Attainment is computed for all the theory, practical, seminar and project courses. CO attainment is divided into internal and external assessment.

-External Assessment has 70% weightage (Department may change this weightage if required) which includes University in-semester, end-semester examination, oral/practical examination and term work assessment.

-Internal Assessment has 30% weightage

1. For theory courses, the assessment tools considered are unit test, MCQ test, assignments, tutorial, programming Skill Test, Case Study presentation.

2. For practical/ oral/ term-work courses, internal assessment tools considered are laboratory performance, mock practical/oral, seminar and project work presentation.

-Attainment levels (1/2/3) of CO are measured through predefined target.

PO and PSO Attainment:

-PO and PSO Attainment is divided into two parts direct and indirect attainment.

-Direct attainment has 80% weightage which is determined by taking average of all courses addressing that PO and PSO.

-In-direct attainment has 20% weightage which includes analysis of program exit survey, co-curricular and extra-curricular activities, employers' and alumni feedback and average is taken to get the Indirect PO and PSO Attainment.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.aitpune.com/AQAR2023-24/Criteria2/2_6_2-Index-Attain-COPOPSO.pdf

2.6.3 - Pass percentage of Students during the year

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

354

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.aitpune.com/AQAR2023-24/ResultAnalysis/ResultAnalysis23-24.pdf

2.7 - Student Satisfaction Survey

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

<https://www.aitpune.com/Documents/naacreports/Student%20Satisfaction%20Survey%202023-24.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research

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

745.78

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**3.1.2.1 - Number of teachers recognized as research guides**

11

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

AIT has created an ecosystem for research and innovation. It includes projects and innovation labs, an Innovation & Entrepreneurship cell, IIC, IPR cell, R&D Cell, Professional society memberships, collaborations, research experts and faculty mentors for projects, and PhD guides. IIC- The institution has an MHRD recognized IIC through which various activities on IPR, entrepreneurship, and innovation are conducted throughout the year.

SOPs: AIT has SOPs for IPR , seed fund, research incentives, best research award, startups to foster innovation ecosystem

Clubs: Technical, SAE Collegiate club, Robotics, EV, Innovation & Entrepreneurship, Open Source SW club conducts annual intra and inter college competitions which stimulate critical thinking, creativity and scientific temper among the students.

Labs: AIT has well equipped and dedicated labs for development of innovative projects. e.g. Robotics Lab, 3DPLM lab and EV Lab to provide state of art facilities to students .

Student chapters: Through student chapters of professional bodies (CSI, IEEE, IETE) various opportunities of competitions are made available to students.

MoUs & Events: AIT has 20 active MoUs. AIT & Regional Technology Node, HQ Southern Command, Pune organized an event "S2A2I2" in 2023 for active participation from Defence, R&D institutions, industries , Start-ups, academia are the major highlights of program.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria3/3_2_1-2023-24-proof-CrossReferencing.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR) and entrepreneurship during the year**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year****39**

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

3.3 - Research Publications and Awards**3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year****14**

File Description	Documents
URL to the research page on HEI website	https://www.aitpune.com/ResearchNDevelopment.aspx
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year**3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year****59**

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

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

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

18

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

3.4 - Extension Activities

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

The Mission of AIT is to provide the right environment to foster the culture of research, innovation, creative thinking for development of good leaders and entrepreneurs to support sustainable development of society and nation building. The values of good citizenship are inculcated in our students by the teachers and student peer group. College has an AIT tenet and honour code for students that they must abide by. The students at our college actively participate in social service activities which lead to their overall growth. AIT has continually active NSS and NCC Units with substantial number of student's participation with following major activities.

- Food Distribution
- Cleanliness Drive
- Visit to blind School
- Blood donation camps
- Tree plantation
- Independence Day & Republic Day
- Visit to Orphanages
- The National Cadet Corps

File Description	Documents
Paste link for additional information	https://www.aitpune.com/Clubs/NSS/NSS2023-24.pdf
Upload any additional information	View File

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

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

24

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

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

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

13

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

493

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

378

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

19

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

College has 21-classrooms, 09-tutorial rooms, 46-laboratories, 02-seminar halls and a workshop to ensure effective teaching-learning process. All the Classrooms and seminar halls have audio-video system, ICT tools, LCD projector and Internet connectivity. 05 smart class rooms are equipped with audio-video recording facilities. Each Department has well maintained and updated laboratories. The institute has two sponsored labs i.e. 3DPLM and EV lab. Out of 773 computers in the college, 559 computers are for student's use. Institute has campus wide network based on optical fiber ring (in fail-safe mode). Backbone connectivity is provided by 2000Mbps lease line connectivity internet. Network has campus wide WiFi based high end Cisco routers. Institute also has mini data center which houses multiple servers, firewalls and network storage facility. The workshop consists of different facilities for mechanical based practical and projects. Training and Placement cell provides adequate infrastructure like seminar hall, interview rooms and conference halls. Library is well equipped with modern technology to support teaching and research. It has spacious reading hall with 156 seating capacity and Wi-Fi facility for students. For the physically impaired students, institute provides ramps, lift and special toilet. Campus is covered under electronic surveillance system.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria4/4_1_1-Supportdocument.pdf

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

AIT aspires to offer the best opportunity to participate and perform in the most positive spirited cultural, sports activities and other extra-curricular activities to provide opportunities to students to take part in various events. To facilitate this AIT has 08 different facilities to conduct cultural activities, 17 different sport facilities and more than 18 different clubs to provide platform for cultural, sports, co-curricular and extra-curricular activities for overall development of students. AIT has following facilities: Cultural Activities: a) Field Marshall Manekshaw Hall b) Gen. B C Joshi c) Raman Theatre d) Music Room e) Aryabhatta centre Basement f) Open Air Cafeteria g) Radio recording and broad casting room h) Open air dance arena Sports Activities: a) Cricket Ground b) Cricket Net Practice c) Football Ground d) Basketball Court e) Basketball Court (Modified) f) Table Tennis g) Badminton Court (Indoor) h) Badminton Court (Outdoor) i) Lawn Tennis Court j) Squash Court k) Volleyball Court l) Boxing & Fitness Hall m) Gym for Boys n) Gym for Girls o) Kabbadi Ground p) SSB Obstacles Court q) Recreation Room Clubs: a) Engineering and Technical Board b) Cultural and Musical Board c) Debate, dramatics and Quiz club d) Fine Arts Club e) Magazine Board f) Center of excellence for AI and Robotics g) NSS Club h) Sports Club i) Open Source Software Club j) Spiritual Club k) Nature Club l) Competitive Coding Club m) Information Security and Digital Forensics Club n) Cycling Club

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria4/4_1_2-Index.pdf

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

23

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria4/4_1_3-Inst-physicalfacilities-TL.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

969.03

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

4.2 - Library as a Learning Resource

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

AIT library which is spread over carpet area of 723m² in seven sections (i.e. Circulation/Stack Room/Compact storage unit/Digital Library/BMS/UPS Room/Reading Hall and Conference Room) is an excellent knowledge resource centre. Library was automated in year 1998 with "SLIM21 system for library information and management" and software upgrade in 2005 and renewed every year presently using SLIM 21 4.0.0 Version.

Total Expenditure made in FY 2023-2024 on library learning resources is Rs. 59.71. Library has 36810-print books, 28-Print journals, 980-e-journals, 1888-e-books, DELNET Database and

129-NPTEL web-courses and 324-videos. In AY 2023-2024 total 605 books are added and subscription of IEEE (ASPP)+POP All, Springer Nature 3 Subject Collection, ASME Digital Collection, ELSEVIER-Science Direct (Engineering and Computer Science) and e-books viz McGraw Hills Access Engineering, Springer Nature, Videeya, McGraw Hills India Express Library are renewed.

Digital library section having 12 PC with Internet connectivity, printer and scanner. Turnitin feedback studio+Turnitin originality (with AI detection tool) anti plagiarism software having 1348 end user license, Knimbus e-Library (Remote-Access-Platform) are provided. Footfall record is maintaining through Biometric system and average footfall is 72(daily). Fully air-conditioned Reading Hall with Wi-Fi facility and electric plug socket for bring your own device having 156 seating capacity is provided.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.aitpune.com/AQAR2023-24/Criteria4/4_2/4_2_1.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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

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

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

29.94472

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

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

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

158

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

4.3 - IT Infrastructure

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

Institute has campus wide Enterprise class network Cisco Catalyst Switches connected by optical fiber redundant mode connectivity of 10Gbps. The Backbone LAN connectivity is provided with WAN connectivity of 2000Mbps (2Gbps) lease line (1:1) Class-A ISP internet providers which includes 1000Mbps NKN, 500Mbps (Tata Teleservices) and 500Mbps (Power grid) connectivity. This Network also comprises of recently procured in 2023-24 Cisco 9115 series routers/Access Points and Cisco Wi-Fi controller 9800L to cater the need of 2100+users. The Institute has state-of-art server-center with multiple servers, next-generation firewalls and network NAS storage facility. The Institute has 44-software in the various departments, application Softwares like MATLAB, Auto-CAD, computer vision system, Signal processing tool box, SLIM are available. Institute has school-campus agreement for MSDN Microsoft license. Institute also has Learning Management System (LMS), Enterprise Resource Planning(ERP) software. High performance computing facility is developed to focus on areas such as Deep learning and Machine learning. Facilities of high performance workstations, IoT and embedded kits, various types of camera and sensors are used for various Ubiquitous applications.

All computers are backed up with UPS power, additionally three sets of 125 KVA generators are installed to ensure uninterrupted power supply.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria4/4_3_1-ITinfrastructure.pdf

4.3.2 - Number of Computers

773

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

380.33

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

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

AIT has Joint-Director as head of administration under whom Project officer, junior engineers, Estate officer and Maintenance Cell are working for maintenance and administration. AIT has third party contract with conservancy services provider. Procedure: Registers are maintained for recording complaints of mechanical/electrical/civil maintenance. These registers are put up to Jr. Engg and Joint-Director on daily basis. Details of work carried out are endorsed in respective log book of each trades man is validated by Jr. Engg. For major maintenance/assets replacement, provision is made in budget. The required procurement process is carried out as per SOP. Separate central stores are maintained to gives spares required for maintenance. System of Utilisation: Library: Library is working in two shifts (08.30am-10.00pm) from Monday to Saturday and in one shift on Sunday (11.00am-07.00pm). We have book issue policy for students and staff. Sport: Students use the sports facility during designated hours. Sports items are provided based on students need and training schedule.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria4/4_4_2-Additionalinfo.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**296**

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

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year****252**

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.aitpune.com/AQAR2023-24/Criteria5/5-1/5_1_3-addl-info.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

322

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

322

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

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

319

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

3

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

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

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

5

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

5

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

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

Objective of student's representation & Engagement is the all-round development leading to the total quality engineers of industry 4.0 & good citizens of the nation. There are following

posts in AIT hold by the students Presidents: General Secretaries: Ladies Representatives: All the above posts are held by the Final year students. AIT also has a Robust structure of many student's club. Each club is headed by Third year students as Secretary of respective club supported by Joint Secretary for Second Year.

Technical/Co-curricular

- Technical Board
- Robotics and AI
- Open Source Software
- Competitive Coding Club
- Information Security and Data Forensic club SAE/ Baja (Automotive) Club
- Radio Club • Maths Club
- eCELL for Innovations

Cultural/Extra cultural

- Cultural Club
- Music Club
- Debate, Quiz and Dramatics Club
- Magazine Club
- Fine arts club
- Spiritual Club

Sports/Outdoors

- Sports Club
- Nature Club
- Cycling Club
- National Service Scheme (NSS) club

Administrative

- Students are involved in Department Academic advisory committee College development committee Discipline & Anti Ragging Committee Food Committee Flank in charges the Hostel Main activities of clubs
- Inter-branch competitions Aakriti Intercollege Events Amethysts, Solution Pace
- Preparation for Hackathons competitions
- Tech updating
- Outdoor hikes and events Such Engagements Pave ways to building of excellent educational institute.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria5/5-3/5_3_2-addlinfo.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

22

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

5.4 - Alumni Engagement

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

AIT has registered Alumni Association under charity commissioner of Pune from 17 June 2000. Alumni association of AIT has its all rules, regulations, & norms properly documented. Total strength of alumni members is 4965. The main controlling body is Alumni Governing Council consists of President, Secretary, & Treasurers. Every pass out students pay Alumni membership fee of Rs. 1100/-. Contribution of Alumni association is categorically divided into

1. Guidance to students through Guest Lecturers.
2. Guidance to start up /E cell for developing new entrepreneurs.
3. Sponsorship to technical events.
4. Scholarship to needy students.
5. Providing Laboratory support.
6. Organizing project competitions.
7. Fetching the industries for campus placements & internships.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria5/5_4_1-Alumni-Support.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

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 and in tune with the vision and mission of the institution

Our vision and mission are in tune with the objectives of the Higher Education policies of the nation since pursuit of excellence in chosen field of study and inculcating core values in students is the ultimate goal of Higher Education. Measures taken to translate the vision into activities are,

- Participative management and transparent policies.
- Providing high class infrastructure for academics, sports and cultural activities to produce total quality engineers.
- Synergy with industries for experiential learning and for developing technology leaders.
- Involvement of all stakeholders in decision making bodies.
- A highly secure and fully residential campus with all amenities for providing right conducive environment and to ensure all round development of students.
- Special emphasis on R&D and innovation and entrepreneurship Encouraging peer and self-learning.
- Continuous efforts to interact with R & D institution within country and abroad. Continuous engagement with alumni with higher position in MNCs abroad.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria6/6_1_1-1.pdf
Upload any additional information	View File

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

AIT functions under the aegis of the Army Welfare Education Society (AWES).

- Director provides the link between top management and functionaries of the institute. Along with values and ethos of army culture, there is adequate freedom and decentralization.
- IQAC audits including reviews are held regularly. HoDs further hold their departmental consultations. General Body consisting of external doyens of industry and academia meet once/twice every year and discuss institute progress and policies.
- The CDC meets regularly and discusses all functional issues. Teachers and students have adequate representation in CDC.
- Financial powers are decentralized to HOD. Routine leaves are approved at the department level.
- All important projects are designed by project management committees headed by senior faculty. Employees also nominated for local purchase committee, formulation of SOP and other committees including anti ragging committee, disciplinary committees etc.
- Branch heads, class representatives and club in charges are part of extended student

council and manage all student affairs. •All club activities and competitions are including national level Hackathons are planned, organized and conducted by students under the guidance of club in charges.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_2_1-Addl-Doc.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has a Strategic Plan for next six years duly approved by the society & is being Implemented in well-thought-out and phased manner. This is aimed at expanding the college vertically and horizontally to get it recognized globally by innovation, research and development work. New Policies for staff & students are introduced to make improvement in efficiency & effectiveness of system through responsibility, authority & communication among staff & students to create better learning environment by this way, we try to ensure Quality assurance in all activities related to all the process which interact to become a whole system. Already we are following NEP Curriculum as given by SPPU affiliated University at first year level. By next year we are planning to achieve autonomous status following the recommendations of NEP 2020.

- Approved Academic Growth and systematic infrastructure development plans including additional Hostel facilities.
- Infrastructure development for UG and PG courses to accommodate more classrooms, laboratories, staffrooms etc.
- Increase in strength of IT Branch from 60 to 120.
- Automations & Robotics new branch is introduced from 2024
- A case for Autonomy of Institute is initiated
- Align the activities as per NEP 2020.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_2_1-STRATEGICPLAN.pdf
Upload any additional information	View File

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

Planning and Development After doing GAP analysis, we have developed Perspective/Strategic Plan and deployed on website. 1. Administration college encourages Paperless office and support Green Revolution by e-Governance. college authorities exercise full supervision of all service modules in office through the ERP software. Principal liaises with GB members as well as teaching and non-teaching staff through emails and online conferences on MS Teams software. All-important administrative information is regularly published on college website college is connected through high-speed internet of bandwidth 1.135 GBPS in hostel for students by 24/7. Fully automated, wireless office with 24x7 internet facility. salary of substantive staff members is done through TALLY software. Biometric and face recognition system attendance for all Leave application and approval is done through ERP SLIM software is used in Library

- Finance and Accounts accounts of institution are maintained through the Tally software. Most of financial transactions is through TALLY software.
- Student Admission and Support Student Admission is carried out through ERP 10 X Smart classrooms with video conferencing facility.
- Examination forms for the SPPU University examinations are filled online Under the CBCS method of examination introduced since 2018 marks submission will have to be done through online portal of the university.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_2_2-Addl-Doc.pdf
Link to Organogram of the institution webpage	https://www.aitpune.com/Administration.aspx
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Upon completion of a PhD, three additional increments and eligible for promotions under the CAS Policy. Faculty pursuing PhD are granted six additional leaves annually.

Professional Development and Financial Support Institution has established various programs to support faculty members in pursuing higher education and research. Faculty empowerment strategies include skill development, upgrades through FDP and R&D initiation policies. Financial support for workshop registration, conference expenses, travel costs, receives financial assistance for IPR filing. awards for best renovation-best paper. special funds are available for faculty launching start-ups to implement creative ideas for the institute.

Insurance and Other Welfare Initiatives Accident Insurance coverage amounting to 5 lakh, funded by institute. Contributory Group Medical Insurance scheme providing coverage of 5 lakh per family and a Contributory Group Term Insurance plan offering 10 lakh coverage. gratuity, Diwali bonuses for non-teaching staff, retirement benefits-leave encashment. incase of staff member's demise, including ex gratia payments and assistance to the family, including priority employment consideration for the next of kin. staff quarters, ambulance service and transportation,avail lunch and refreshments at subsidized rates, insurance premiums for lower-salary staff partially paid by institute.institute organizes Yoga and Meditation sessions, staff sports competitions.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_3_1-welfaremeasures-staff.pdf
Upload any additional information	View File

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

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

12

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

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

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

08

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

76

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance Appraisal System and Process Institution has established comprehensive performance appraisal system for faculty members, incorporating multiple evaluation levels. This system follows UGC-provided formats and society specified parameters such

as ACR for both Teaching and Non-Teaching. The goal is to thoroughly evaluate each faculty member's performance across various domains. Appraisal process starts with an initial rating from Head of Department, and then reviewed by the Principal and Director. Followed by individual discussions with each faculty member to review their performance. Faculty interviews are conducted to identify areas for improvement, provide appropriate skill upgrades, and identify potential candidates for future leadership roles. There is a strong emphasis on participating in programs like FDPs and Certification Courses.

Recognition of Outstanding Performance Outstanding performance is recognized during AIT Day Award Function with accolades such as Best Teacher, Best Non-Teaching, Best Result, and Best Research. Exceptional achievers are interviewed by Director and awarded citations, which may include prestigious awards like Army Commendation GoC-In C. Chairman of institute also makes special efforts to recognize individual achievements with complimentary letters. Following appraisal cycle, top-performing teachers receive appreciation letters, and motivation letters to encourage additional efforts for improvement. These evaluations are meticulously documented in individual service records

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_3_5-Perf-AppraisalSystem.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Internal audits are conducted quarterly by Gazetted Army Officers as mandated by Station HQ Kirkee, with surprise checks periodically ordered by higher authorities. Administrative Inspections by the Institute's Patron involve comprehensive reviews of all expenditures. Additionally, certified public accountants perform annual external financial audits, with the audit reports formally submitted to HQ Army Welfare Education Society (AWES) and signed by the Head of the Institute. Audit objections or observations are addressed promptly, ensuring financial accountability.

Annual financial audits conducted by a chartered accountant ensure adherence to established financial procedures. These audits are crucial for maintaining financial integrity, confirming that all funds are utilized appropriately and in alignment with the Institute's objectives. Financial transactions are maintained on tally Prime software version 3.0

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria6/6_4_1.pdf
Upload any additional information	View File

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

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

209.59

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

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

a. Mobilization of resource and funds

The Institute is predominantly funded by student fees. These fees are determined based on society policies and projected needs and are approved by the board of administration of HQ Southern Command (SC) before finalization. Fees collection of the students based on the anonymous committee of Justice B.N. ShriKrishna submitted to AICTE 2015. Limiting yearly fee increases to 5% helps to alleviate the financial burden on students. To augment the budget, additional funds are sourced from philanthropists, alumni and research grants. Investment strategies are optimized to maximize returns, and sponsorships for specific events are actively

pursued.

b. The optimal utilization of resources

The financial management system at the Institute is structured for budget sanctioning and expenditure. An internal approval ensures all expenses are scrutinized by multiple authorities, including the accounts department, the Joint Director, the Director, and the Local Purchase Committee. Purchases are authorized according to approved financial powers, with requiring open tendering, technical evaluations, and commercial assessments. These procedures comply with Government financial regulations, rules and regulations of society and are detailed in the Standard Operating Procedures (SOP) of AIT.CFA for approving the expenditure is based on policy directive issued by the society.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_4_3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Institute has an internal quality assurance cell (IQAC) which was constituted on 25 Feb 2005. IQAC reforms policies time and again as per the guidelines of NAAC. We have reformed IQAC composition on 14 Sept 2022 as follows: Two Best practices institute follows: 1. Internal and External Academic Audit IQAC has trained some senior professors to conduct internal academic audit. These professors have conducted audits in all the departments. Once in a year External audit is conducted by an experience officer appointed by Southern command. Additional External Audits by academicians was conducted by E&TC, IT and Mechanical Departments. 1. Goals and Targets Regular IQAC meetings are held and benchmarks are set or upgraded. The performance of all the departments as per the benchmarks is assessed annually and Annual Quality Assurance Report (AQAR) is prepared. This committee periodically reviews the outcome of various academic and administrative committees. IQAC has contributed significantly in strategizing, formulating, standardizing, and implementing quality policies, initiatives and processes. The institute has seen a

substantial increase in the number of published quality research papers, patents and recognised PhD guides.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AOAR2023-24/Criteria6/6.5.1-Proofs.pdf
Upload any additional information	View File

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

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

1. IQAC takes reviews of syllabus completion in each month through HODs.

2. Monthly Attendance (Monthly attendance is communicated to students. The counselor informs the same to the parents of the defaulters).

3. Result Analysis (Results analysis is done at the departmental level)

4. Appreciation/Motivation Letters have been given to faculty based on research papers in reputed journals.

5. Improvement in the infrastructure of the classrooms, the laboratories, the washrooms, the sports facilities, the hostels, and the staff quarters have greatly contributed to a positive and a vibrant environment in the institute. This in turn has helped improve the results and performance of both the students and the staff.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/AQAR2023-24/Criteria6/6_5_2-Proofs.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.aitpune.com/NAACReports.aspx
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Engineering curriculum is implemented through various initiatives aimed at raising awareness about gender issues and promoting inclusivity within the curriculum. This involves integrating modules or courses dedicated to topics such as gender equality and diversity in STEM fields are implemented through audit courses and open elective courses in curriculum.

Female Faculty or girls are representator for various committee's like Anti-Ragging Committee, Internal Complaints Committee (ICC), Grievance Redressal Committee and Mental Health Committee. In AIT

women faculty are nominated, based on their ability, as head departments and conveners of various committees and discharging their efficiently like Dean R & D, HoD, NAAC Coordinator, NIRF coordinator, IIC President, I & E cell In-charge etc.

Other Facilities:

- Sports facilities for women like basketball ground, badminton ground, Pool table independent gymnasium.
- Facility of Children Park for kids of faculty and staff is available.
- Maternity Leave is provided to lady faculty and staff members
- Scholarships only for girls like Pragati, Scholarship and Badve scholarship.
- Motivational talks are being arranged from Alumni girl students.
- Many girls are joining armed forces.
- Aakriti competitions are held in the areas of Technical/Sports and Cultural. These keenly contested competitions have both girls and boys team fielded for each sport.

File Description	Documents
Annual gender sensitization action plan	https://www.aitpune.com/AQAR2023-24/Criteria7/7_1_1-gender-sensn-actionplan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.aitpune.com/AQAR2023-24/Criteria7/7_1_1-Addl-Info.pdf

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

A. 4 or All of the above

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

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

AIT has designed methods for management of waste generated in campus basic Waste management strategy of 3R's: Reduce, Reuse and Recycle i.e. Reduce the amount of waste generated, Reuse everything to its maximum proper segregation and cleaning and keeping things which can be Recyclable and handed over to appropriate agencies. The waste generated in the campus include liquid waste and solid waste. No classified hazardous waste is generated in the campus.

Solid waste Management Biodegradable waste includes food waste, vegetable peels, leaves etc. Food waste and non-biodegradable waste are collect in separate bins. Biodegradable waste is disposed collected for animal feed.

Liquid Waste Management Water recycling or waste water treatment plant of 2,00,000 liters capacity has been constructed. The principle of treatment is based on Phytoid technology.

Waste recycling system the non-biodegradable solid waste generated in the campus include, paper, plastics, metal cans etc. Two sheds have been constructed for collection and segregation of the solid waste. These sold to recyclers.

E-waste management E waste generated is first reused in the campus itself. Then discarded waste is disposed off by board of officers to authorized vendors.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

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

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

Army Institute of Technology promotes diversity and unity among its students, who are primarily the wards of army personnel, by breaking stereotypes and building self-confidence. This is achieved through courses like Humanities, Social Sciences, Business Communication, Soft Skills and comprehensive three-week

Orientation Program. Classroom sessions encourage the acceptance of diverse perspectives and learning preferences, while additional communication and soft skills workshops enhance interpersonal abilities for new students. AIT upholds Honor Code emphasizing integrity and ensuring social safeguards through its Grievance Redressal Cell, Internal Complaint Committee, Equal Opportunity Cell, Anti-Ragging Committee.

The institute offers an inclusive environment with features like ramps, elevators and Divyangjan-friendly facilities. Industrial visits provide practical insights, while activities organized by the NSS and Spiritual Club promote tolerance and harmonious living. Cultural, debate, and drama clubs engage students in events like street plays, skits, instilling a sense of social responsibility. Students are also encouraged to participate in co-curricular and extracurricular activities, celebrating festivals and special occasions to support their physical, intellectual, emotional, spiritual development. AIT provides merit-cum-means scholarships and conducts classes on aptitude and general knowledge. The institute actively educates students about constitutional values, rights, and duties, with faculty members serving as role models to inspire responsible citizenship.

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

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

The Army Institute of Technology (AIT) aims to foster the holistic development of defense personnel by producing skilled engineers dedicated to research, innovation, and sustainable societal growth. AIT promotes patriotism through activities like flag hoisting during festivals, cultivating a sense of duty, unity, and leadership among students. Festivals are celebrated enthusiastically to strengthen bonds and nurture responsible citizenship.

The institute's policies are grounded in core values, reinforced through a comprehensive code of conduct for students and staff. Courses on Professional Ethics, Human Values, the Constitution of

India, and Indian Traditional Knowledge are integral to the curriculum. A three-week orientation program instills constitutional awareness, while regular sessions on traffic rules, ethical values, rights, and duties emphasize responsible citizenship. AIT organizes cleanliness drives, polio vaccination initiatives, and blood donation camps to promote community welfare.

Preparedness for challenges like pandemics is ensured through awareness campaigns and preventive measures. The NSS spearheads philanthropic efforts, including support for government initiatives, charities, and disaster relief. Through these activities, AIT nurtures socially responsible engineers who are well-equipped to contribute positively to society, embodying values of service and innovation.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.aitpune.com/AQAR2023-24/Criteria7/7_1_9-Addl-Info.pdf
Any other relevant information	https://www.aitpune.com/AQAR2023-24/Criteria7/7_1_9 Addl-Info1.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

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

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

National events such as Independence Day, Republic Day, and Gandhi Jayanti are celebrated with patriotic fervor. Flag hoisting, cultural performances, and speeches by dignitaries inspire students to appreciate their nation's heritage and values. Environmental awareness days like World Environment Day and Earth Day are marked by tree plantations, awareness drives, and seminars promoting sustainability.

International days, such as Women's Day, International Yoga Day, and World Science Day, are observed with equal enthusiasm. Women's Day celebrations include discussions on gender equality and inspirational talks, while Yoga Day sees mass yoga sessions promoting holistic well-being. Events like World Science Day encourage innovation through exhibitions and workshops.

Festivals like Diwali, Christmas, Eid, and regional celebrations highlight India's rich cultural diversity. These events feature traditional performances, art displays, and culinary delights, fostering inclusivity.

Through such efforts, the institution not only nurtures a vibrant campus culture but also instills values of unity, awareness, and global citizenship in its students.

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

7.2 - Best Practices

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

Best Practice- I : Comprehensive Efforts for Higher Package Placement of Students

Objectives

- To enhance the relevant skills through Skill Development activities
- To gain practical knowledge through Internships and Work Experience
- To train the students to enhance quantitative and qualitative aptitude
- To build and maintain professional network and develop a strong personal branding

Enhance relevant skills such as problem-solving, critical thinking, communication, teamwork, and technical skills through coursework, projects, internships, and extracurricular activities. Build and maintain professional networks through industry events, career fairs, informational interviews, and online platforms. Networking can lead to job opportunities and referrals.

Best Practice- II: Industry Integration to foster co-curricular activities including Innovation and Entrepreneurship

Objectives:

- To share the knowledge among different sectors of Industry.
- To promote the ecosystem development where start ups can be benefited

- To keep pace with the trends and disruptive changes taking place in industry.
- To support collaborative opportunities

Integrating industries allows for exchange of ideas, technologies, best practices among different sectors, fostering culture of innovation. Combining resources like capital, infrastructure, expertise from various industries can provide startups and entrepreneurs with necessary support to turn their ideas into viable businesses.

File Description	Documents
Best practices in the Institutional website	https://www.aitpune.com/AOAR2023-24/Criteria7/7_2_1/7_2_1-BestPractices-website.pdf
Any other relevant information	https://www.aitpune.com/AOAR2023-24/Criteria7/7_2_1/7_2_1-Anyotherrelinfo.pdf

7.3 - Institutional Distinctiveness

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

AIT has made consistent and dedicated efforts to foster a research-oriented environment, starting from the undergraduate level. AIT has established Research and Development (R&D) Cell, led by the Dean (R&D), which spearheads this initiative. The cell takes continuous to build research capacity across the institution. AIT follows a Standard Operating Procedure (SOP) to recognize and reward faculty members for publishing papers, securing grants, and filing patents. Faculty members are encouraged to pursue advanced degrees and participate in national and international conferences, ensuring continuous professional development. AIT actively involves undergraduate students in research through Research Internships, Vibrant Student Clubs activities and Final-Year Projects.

AIT has established Advanced Laboratories, and provides access to Digital Resources. AIT collaborates with Industries through MOUs and Alumni Network and has an ecosystem to pre incubate start-ups.

AIT's dedication to fostering a research culture has earned IoE (Institute of Eminence) status. The institution recently has acquired autonomous status which further enables the integration

of research into the curriculum. As a result, undergraduate students are actively contributing to frontier research areas such as Artificial Intelligence, Data Science, Cyber Safety and Security. AIT has a mission to transform itself into a hub of innovation.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. NEP for First Year Engineering in AY2024-25
2. Preparation for Autonomy of Institute in coming Year.
3. New branch Introduction: Automation and Robotics