



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	
	ARMY INSTITUTE OF TECHNOLOGY, DIGHI, PUNE
• Name of the Head of the institution	Brig A. A. Bhat (Retd.)
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07249250184
• Mobile no	9967032089
• Registered e-mail	director@aitpune.edu.in
• Alternate e-mail	naac_coord@aitpune.edu.in
• Address	Alandi Road, Dighi
• 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 (SPPU)
• Name of the IQAC Coordinator	Dr Seema Tiwari
• Phone No.	7249250184 3101
• Alternate phone No.	7249250184 3217
• Mobile	9405012782
• IQAC e-mail address	naac_coord@aitpune.edu.in

• Alternate Email address	stiwari@aitpune.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.aitpune.com/Documents/naacreports/AQAR%202020-21.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.aitpune.com/Documents/AcademicCalendar/Academic%20Calendar%202021_%2022%20Sem%20I%20and%20II.				
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	03/09/2015
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	National Security Council Secretariat		2021 2years	7.4578
8.Whether composition of IQAC as per latest NAAC guidelines	Yes				
• Upload latest notification of formation of IQAC	View File				
9.No. of IQAC meetings held during the year	3				
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes				
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No				
11.Significant contributions made by IQAC during the current year (maximum five bullets)					
New format for Feedback system for all stakeholders initiated					
IPR policy implemented & startup policy initiated					
Designed the Architecture for Centralization of Institutional data					
National level Conference conducted					
Internal Audit conducted for all departments					
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	

No of PhD faculty benchmark 30 percent	Achieved with 33 %
97% All clear and >98% First Class to Final year,	Achieved for SE to BE only FE s 82%
Placements benchmark : > 95% with 60% in high end companies	Achieved with 97% Placement
Motivate students for higher studies by Conducting workshop/seminar for motivating students for higher studies	Achieved
Register for Value added courses, MOOC courses by students.	Achieved with 98% for TE & 100% for SE students
Promote extra & co-curricular activities and entrepreneurship	Achieved
FE to TE, ATKT per Dept. to be <5%	Achieved
PhD Guide- 10% of total faculty in the instiute	Achieved with 12%
Research papers- each year to be equal to number of faculty members in department,	Not achieved: Journals : 20 and Conferenc : 46
Consultancy- Rs. 1 lakh / Dept./ year	Achieved by Computer Engg. and Mechanical Engg departments
Patents/Copyright one / Dept./ year,	Achieved with Patents : 14 and Copyrights 02

13. Whether the AQAR was placed before statutory body?	Yes
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- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	28/07/2021

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	25/06/2021

15. Multidisciplinary / interdisciplinary

For providing holistic academic growth of students, the curriculum provides choice based credit system. Students from th 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 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 clu help and encourage the students to formulate teams from different disciplines while participating in events. This strong 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.

16. Academic bank of credits (ABC):

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 th year opts for online courses through National schemes like SWAYAM, NPTEL, V-Lab etc. Students are encouraged to do at le one value added course or MOOC course in each semester. This provides platform to students to have 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 fo all-round development of the students. Student chapters of professional bodies organizes workshops on various topics wit 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 val are the guidelines for stimulating Indian knowledge system in the institute. For promoting the Indian languages, student 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, bloo 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 celebrated by the students through the Spritual 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. T also helps in inculcating linguistic skills and performing arts, which ultimately leads to enhancement in Indian cultura 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 the same 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 wellbeing 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, COURSEERA, Spoken Tutorial.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	367
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File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	1371
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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	0
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File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	330
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File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	81
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File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	69
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File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	20
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4.2 Total expenditure excluding salary during the year (INR in lakhs)	687.29
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4.3 Total number of computers on campus for academic purposes	722
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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

Army Institute of Technology, Pune, is affiliated to the Savitribai Phule Pune University (SPPU) and approved by AICTE. It conducts four UG and one PG program in engineering. The Institute follows the curriculum approved by SPPU. As per the prescribed syllabus of the University, HOD, depending on expertise, experience and the actual requirement in the department, allocates the teaching load to faculty members. The faculty then prepare their lesson plan keeping in mind course outcomes. Individual faculty uploads unit-wise lesson plan on ERP. The course material like the syllabus, lesson plan, ppts, notes, videos/simulations laboratory manual and links to useful web sites, is put up on moodle, for student reference, register of the same is maintained by each faculty. The detailed course file having CO-PO-PSO mapping along with personal notes, university question paper and other reference material, is prepared by

each faculty member. Institute has adopted innovative and creative teaching learning process, tools and techniques by implementing advanced concept of pedagogy, use of ICT, learning management system, student centric methods, participative learning for enhancing teaching and learning experience. The academic performance of students is continuously and meticulously monitored at all stages.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.aitpune.com/naacdata/criteria/1_1_1_index.pdf

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

Institute is affiliated to SPPU and follows its academic calendar. The date of commencement and ending, exam dates and holidays are declared by the university. For effective time management, before commencement of each semester institute prepares its own academic calendar, keeping the above in mind. Based on institute's academic calendar, every department prepares its calendar showcasing planned events. University schedules TW/ Practical /Oral examinations and appoints external examiner. Usually, practical examination period is of 3 weeks, planned by university. After discussion various academic, co and extra-curricular and social activities are planned in accordance with university calendar. The monthly monitoring ensures smooth conduction of lectures and practical sessions. Biometric record of student daily attendance is maintained on ERP and absences of student is communicated to parents via SMS regularly. Cumulative attendance and Defaulter student lists are displayed every month as per the procedure. The parents of students having attendance less than 75% are informed. These students are given extra assignments/tests to make up for their absence. Continuous assessment record for Practical, TW and project is kept. Every department conducts project progress review and seminar presentations as per standard procedure set by each department according to academic calendar. This is the part of internal evaluation. Internal examinations are conducted by all the departments on the dates planned in 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	Nil

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

A. All of the above

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

4

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

59

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
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

1300

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

1.3 - Curriculum Enrichment

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

AITians follow an Honour Code. It says An AIT student will not lie, cheat or steal; We will neither indulge in ragging, smoking, consuming alcohol or use psychotropic substances (drugs), nor tolerate those who do. The Honour Code is based on personal integrity both as students and as professionals. A three week Induction Program for First Year students is conducted, as per the guidelines of AICTE. In these three weeks various sessions on soft skills, health, art, innovation, human values, yoga, disaster management, first aid, Environment and sustainability, and Professional Ethics amongst others are organized. Sessions on Avenues & Preparation for joining Armed Forces are also conducted. Tree plantation and an on campus cleanliness drives are a part of this program. As a part of their curriculum all first year students have compulsory audit course in Environmental Studies in both first and second semester. The course covers various aspects of environmental consciousness, and aims to sensitize the youth about various environmental concerns and importance of sustainability. The Institute has Spiritual club, Nature club and

NSS team, whose activities are planned and included in academic calendar and a budgetary provision made for them. Also institute has Internal Complaints Committee (ICC) in place.

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

17

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

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

901

File Description	Documents
Any additional information	No File Uploaded
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 syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

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	No File Uploaded
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	No File Uploaded
URL for feedback report	Nil

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

370

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

0

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	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1371	81

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

Following student centric methods are followed in AIT:

Collaborative Learning: Student teams are formed for working jointly to solve a problem, complete a task/project, and participate in debates or design products.

Inquiry-based Learning: Students are encouraged to make use of resources beyond classroom, for investigation of open ended problems.

Cooperative Learning: Students work together to maximize their own and each other's learning in clubs & student chapters. Student mentor mentee system has been designed helps in cooperative learning.

Learning based on Problem Solving: In projects/competitions, participating students are assigned different tasks, assignments, and responsibilities.

Peer Led Team Learning: This is realized when students under guidance of faculty in-charge organize intra and inter college events like Aakriti, PACE and Solutions.

Experiential learning: The faculty members foster learning environment using experimentation, demonstration, visual-aids, and organizing industrial visits. Field based experiential learning like Internship add to hands on experience. The institution practices experiential learning by taking students to the Old age home and orphanages, conducting blood donation, and Swachh Bharat Abhiyan etc.

Project based learning: University has introduced Project Based Learning in FE. In SE students complete a mini project while mini project in TE and major project in BE are credit courses.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

Teachers use a diverse set of ICT tools for teaching learning. They use various means to integrate ICT into teaching learning process which is user friendly and accessible to all students. ICT tools such as laptops, desktops, LCD projectors, tablets, audio-video aids are being used by teachers in teaching learning process to make it more interactive and effective.

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.

Moodle as Learning Management System.

Class WhatsApp group for discussion 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 you tube.

Library also 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	No File Uploaded

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

73

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
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

69

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

27

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

81

File Description	Documents
Any additional information	View File
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.

Internal assessment of term work is done progressively throughout the semester and students are informed about the weightage given to regularity in submission, completing the practical with due diligence, behavioral aspects, attendance, independent learning and class activities at the very beginning of the course.

To improve student's behavioral aspects, independent learning and communication skills, college has introduced CCCBAS (Co-Curricular Credit based Assessment System). This motivates students to participate in co and extracurricular activities and encourages peer based and collaborative learning.

Honor code is also followed for peer imposed controls on student behavior.

College has to follow the examination time tables of the affiliating university which includes Insem-Exam, Practical/Oral Exam and Insem Exam. In addition, faculty members try to conduct internal assessment through assignments, tests, quizzes, mock tests etc.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

Except term work there is no weightage for internal assessment in the final grading of the students. Hence there is very little chance of grievances by students in internal assessment. If at all any grievance is there the students can submit it to HoD/Principal who will take them up immediately with concerned faculty and redress it.

University evaluation grievances are submitted through the Chief Examination Officer/Student Section to the University in required format. University redresses these grievances.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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.	
<p>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.</p> <p>Each course has 4 to 6 Course Outcomes (COs) defined in the syllabus. The subject teacher will use these COs while teaching his 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. The teacher will carry out assessment of students based on these COs. The test and assignment questions are mapped to these COs to calculate CO attainment.</p>	
File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
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.	
<p>All the departments of the institute are accredited by NBA and they follow Outcome Based Education (OBE). The institute has provided guidelines to all concerned through OBE manual. 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.</p> <p>The following assessment processes are used to calculate attainment of the course outcomes</p> <p>1. University Examination:</p> <p>One of the assessment process used to measure course outcome is university examination. This includes: End Sem. Theory Exam, Practical Exam, Oral Exam, Term Work, Online Exams and Mid Sem. Exams. The average weightage for university examination is 70 %.</p> <p>2. Internal Assessment:</p> <p>Tool used for internal assessment process is: Tests, Assignments, and Quizzes. The average weightage for internal assessment is 30%.</p> <p>Attainment of COs are also measured directly through above tools and indirectly through Course Outcome Surveys.</p> <p>Attainment levels (1/2/3) of CO are measured through predefined target.</p> <p>Attainment of POs is calculated using CO-PO mapping and attainment level of each CO.</p>	
File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
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	
320	
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	Nil
2.7 - Student Satisfaction Survey	
2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)	
https://www.aipune.com/Documents/naacreports/Student%20Satisfaction%20Survey%202021-22.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)	
767.740645	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
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	
6	
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	
2	
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	View File
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	
<p>To establish culture of self - employment amongst students, and to encourage them to be job creators, the institute established its Innovation and Entrepreneurship Cell in the year 2019. The objective of the cell isto nurture entrepreneurship amongst students and to build ecosystem for incubating student start up initiatives. The cell has conducted different activities in the last two year which include Idea Pitching Competitions, Guest lectures by Successful Entrepreneurs, Seminars by experts on Entrepreneurship Journey and Innovation. I and E Cell has successfully established an ecosystem comprising of Strong Mentor pool, Client Connect through institute and alumni network for current start-ups, Incubation Center connect, Funding Support, IPR Support, Legal and Financial Guidance, and Entrepreneurship Development Training.</p> <p>As an outcome of these activities and with extensive support, guidance from Alumni, the institute boasts of eight startups initiated in different technology domains - Robotics, AI, Deep learning, Energy, EV, etc. Presently, these startups are in different phases of incubation.</p> <p>Within next two years, the institute aims to build itself as a resource hub for entrepreneurship amongst HEIs and create maximum number of nextGen entrepreneurs.</p>	
File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
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	
8	
File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
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	
17	
File Description	Documents
URL to the research page on HEI website	Nil
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	
24	
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	
63	
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	
<p>College has an AIT tenet and honor code for students that theyhave to by. The AIT tenet is prominently displayed in the main foyer and the code is uploaded on the college website. AIT has a very active Nation Service Scheme (NSS)</p>	

club and large number of students are members of club.

Some of the activities of NSS club are as follows:

- Visit to Orphanages/Boarding houses
- Visit to Blind School
- Visit to Queen Mary Technical Institute (QMTI)
- Blood donation camps
- Road safety awareness
- Tree plantation

File Description	Documents
Paste link for additional information	Nil
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

07

File Description	Documents
Any additional information	No File Uploaded
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

05

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

305

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

426

File Description	Documents
e-copies of related Document	No File Uploaded
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

11

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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 well equipped 20 classrooms, 09 tutorial rooms, 45 laboratories, 02 seminar halls and workshop. Facilities of audio-video and ICT tools help to strengthen infrastructure of institute. Classrooms and seminar halls have LCD projector and Internet connectivity. Total 05 Class rooms are smart class rooms with audio video recording facilities. Each Department has well maintained and continuously updated laboratories. Institute has two sponsored labs, 3DPLM and EVlab. There are 720 computers in college out of which 551 computers are for students. Institute has campus wide network based on optical fiber ring connecting academic block and hostels. Backbone connectivity is

provided by 1650mbps lease line connectivity internet which includes 1 Gbps NKN, 150mbps (Tata communications) and 500mbps (Power grid) connectivity. Network has campus wide WiFi based on high end Cisco routers. Institute also has mini data center with houses multiple servers, firewalls and network storage facility.

Workshop consists different facilities for mechanical practical.

Training and Placement cell provides adequate infrastructure for training and placement activities. It has separate seminar hall, interview rooms and conference halls. Library and reading hall are housed in separate building.

physically impaired students, institute provides ramps and special toilet. For security purpose there is electronic surveillance system.

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

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

AIT aspires to offer best opportunity to participate in various events and perform in most positive spirited cultural, sports activities and other extra-curricular activities. To facilitate this AIT has 08 different facilities to conduct cultural activities, 16 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:

1. Field Marshall Manekshaw Hall
2. Gen. B C Joshi
3. Raman Theatre,
4. Music Room
5. Aryabhatta centre Basement
6. Open Air Cafeteria
7. Radio recording and broad casting room
8. Open air dance arena

Sports Activities:

1. Cricket Ground
2. Cricket Net Practice
3. Football Ground
4. Basketball Court
5. Basketball Court (Modified)
6. Table Tennis
7. Badminton Court (Indoor)
8. Badminton Court (Outdoor)
9. Lawn Tennis Court
10. Squash Court
11. Volleyball Court
12. Boxing & Fitness Hall
13. Gym for Boys
14. Gym for Girls
15. Kabbadi Ground
16. SSB Obstacles Court

Clubs:

1. Engineering and Technical Board
2. Cultural and Musical Board
3. Debate, dramatics and Quiz club
4. Fine Arts Club
5. Magazine Board
6. Center of excellence for AI and Robotics
7. Mathematics Club
8. NSS Club
9. Sports Club
10. Open Source Software Club
11. Spiritual Club
12. SAE-AIT Collegiate Club
13. Nature Club
14. Radio Club
15. Competitive Coding Club
16. Information Security and Digital Forensics Club
17. Cycling Club
18. AR/ VR club
19. Quantum Club

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

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

20

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

395.82	
File Description	Documents
Upload any additional information	No File Uploaded
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)

Name of the ILMS Software	SLIM21 System for Library and Information Management
Nature of Automation	Fully
Version	(updated version 21-22) 3.9.0
Year of Automation	2005
<p>In year 2005 AIT library has purchased SLIM21 Library Management System that manages and integrates multiple core library functions and services. Library has also received latest upgraded version from time to time to meet technological advances. Services like reference service, email alert service and OPAC facility are provided through LMS.</p> <p>Reports and Statistics: Variety of reports and statistics generated.</p> <p>Modules presently implemented in library which required for day to day library management are :</p> <p>Acquisition: It enables library to maintain bill details of purchased books and journals.</p> <p>Cataloguing: It enables to create database of books, journals and other learning materials.</p> <p>Serial Control: It allows to maintain subscription records of journals and magazines.</p> <p>Circulation: It allows to perform circulation operation i.e. issue, reissue and return of books and also manage lending rules and fine policies.</p> <p>Barcode System: Book issue return process is carried out with help of Barcode system.</p> <p>Web OPAC: This application provides facilities to search for books and journals from library collection. It allows borrowers to view their loans, reissue and reserve the books.</p>	

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://14.139.108.229/w27/

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)

40.06086

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

167

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 network based on optical fiber ring (in fail safe mode) connecting academic block and hostels. Backbone connectivity is provided by 1650mbps lease line connectivity internet which includes 1 Gbps NKN, 150mbps (Tata communications) and 500mbps (Power grid) connectivity. Network also has campus wide WiFi based on high end Cisco routers. Institute also has mini data center with houses multiple servers, firewalls and network storage facility.

Institute has adequate IT facilities with 39 softwares which are used continuously by the students and faculty. Application Software such as MATLAB, Auto CAD, computer vision system, Signal processing tools box, SLIM, etc. are available at the institute. Institute also has school-campus agreement for Microsoft license.

Institute also has Learning Management System (LMS)- Moodle which helps the institute to manage effective teaching learning processes.

The institute has deployed the educational Enterprise Resource Planning (ERP) software for admission, monitoring student and faculty attendance, interaction with students and their parents. Faculty members are provided with the computers with Internet connection at their respective locations.

All computers are connected to UPS. Also 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	Nil

4.3.2 - Number of Computers

722

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. \geq 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
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)

687.29

File Description	Documents
Upload any additional information	No File Uploaded
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.

Nil

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students 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

186

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

189

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	Nil
Any additional information	No File Uploaded

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		
305		
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year		
305		
File Description	Documents	
Any additional information	No File Uploaded	
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File	
5.1.5 - The Institution 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	No File Uploaded	
Upload any additional information	View File	
Details of student grievances including sexual harassment and ragging cases	No File Uploaded	
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		
305		
File Description	Documents	
Self-attested list of students placed	No File Uploaded	
Upload any additional information	No File Uploaded	
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		
5		
File Description	Documents	
Upload supporting data for student/alumni	View File	
Any additional information	No File Uploaded	
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		
07		
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.		
04		
File Description	Documents	
e-copies of award letters and certificates	View File	
Any additional information	No File Uploaded	
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 students club. Each club is headed by Third year students as Secretary of respective club supported by Joint Secretary for Second Year.

1. 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

2. Cultural/Extracultural

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

3. Sports/Outdoors

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

1. Administrative

- Students are involved in
 - Department Academic advisory committee
 - College development committee
 - Discipline & Anti Ragging committee
 - Food Committee

Flank In charges in the Hostel

Main activities of clubs

- Inter-branch competitions Aakriti
- Intercollege events Amethysts, Solution and Pace
- Preparation for Hackathons and competitions
- Guidance for placements and careers
- 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.aipune.com/Clubs.aspx
Upload any additional information	No File Uploaded

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

35

File Description	Documents
Report of the event	No File Uploaded
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 4325. 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/NAACData/Criteria5/5_4_1_index.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	No File Uploaded

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 for all round development.
- Interaction and coordination with industries to make students into total quality engineers. Involvement of all stakeholders in decision making bodies.
- Qualified faculty.
- Providing a highly secure and fully residential campus with all amenities to ensure effective teaching learning process, even beyond class rooms.
- Special emphasis on R&D innovation and entrepreneurship Encouraging peer and self-learning

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

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

The Institute is under the Army Welfare Education Society (AWES).

- AWES is governed by the Board of Governors headed by the Chief of Army Staff, assisted by the Adjutant General of Indian Army as the Executive Committee head. For local administration, the Chief Signal Officer at HQ Southern Command is the Chairman of College Development Committee.
- Director as the head of the institute provides the link between top management and the establishment of the institute. While many of the values and ethos of army culture are ingrained in the functioning, there is adequate freedom, decentralization as part of the management philosophy.
- The CDC meets regularly and discusses all issues affecting college development threadbare.
- HOD meetings are held by the Director every fortnight, HoDs further hold their departmental meetings thereafter. General Body Meeting (GBM) is also conducted once every year, where inputs from industry, academic experts are invited and policies formulated.
- Students are deeply involved in functioning of the college as well as decision making affecting them. Student elected council members are part of CDC and contribute effectively. There are branch head, class representatives and club in charges who form the extended students' council.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The College has a clear and well defined system to monitor and evaluate the effectiveness and meaningful implementation of the policies and plans of the institution.

- Monitoring and review of the strategic/perspective plan is carried out every six months at the institutional level during the HOD's meetings.
- The AIT IQAC also reviews the program and presents to the CDC every six months. The program is also submitted to the society i.e. AWES on yearly basis.
- The plan and program is submitted to Governing Body during the GBM.
- The plan is shown to the department, who work on implementing the future projects in a timely manner.
- All relevant documents related to Strategic/perspective plans are available on website.

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

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.

- Details of Institutional Bodies are placed on the AIT website.
- The institutional bodies include the CDC, IIC, Grievance Committee, Student Council, Committee for conduct of admissions, E cell, R & D cell and many others.
- Every year this list is published in form of a notice. These bodies meet as per statutory requirement as well when the need arises. • They interact with the Principal and Director regularly.
- The Society governing AIT has its own service rules published as "Rules and Regulations for Professional Institutes" 2009.
- These rules are updated and modified as per changes in higher education policies and other requirements from time to time.
- AIT has placed copy of these rules on its website.
- Placement SOPs and policy letters are maintained in the office and copies are placed on the website of the college. All employees and students are made aware of the same and are expected to follow the same.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
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 inter faces	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

The institution has tried to maintain a good environment for teaching and non teaching staff.

Staff Welfare Schemes Percentage or number benefited Group Accident Insurance scheme 100% Health insurance/term insurance Scheme <https://www.aitpune.com/rules /INSURANCE%20COVER%20TO%20STUDENTS%20AND%20STAFF%20-%20BY%20AWES%2092-2021.pdf> Festival Advance interested non-teaching staff Computer purchase by loan facility interested teaching and non-teaching staff Mid service encashment of earned leave Firefox <https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqa...> 35 of 48 21-11-2022, 15:31 to eligible non teaching staff Uniform for class IV staff:

Uniforms are provided to all class IV staff twice in a year. Medical facility on call This facility is available for all staff and students. Nursing Assistant is available on the campus. Maternity and paternity leave 6 months maternity leave is given to lady staff member after she completes 2 years of probation.

15 days paternity leave is given to the male staff members. Gratuity This scheme was initiated for retirement benefits or on leaving the job. Gratuity is received by an employee in gratitude for their services offered to the institute.

Gymnasium and other sports facilities Most of the staff staying on the campus and others use the sports facilities. Some also use the gymnasium.

File Description	Documents
Paste link for additional information	Nil
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

14

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

6.3.3 - Number of professional development /administrative training 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

12

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

108

File Description	Documents
IQAC report summary	No File Uploaded
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

Faculty Performance appraisal system is used to evaluate the performance of each faculty member. Standard format suggested by AICTE/UGC is used for taking the self assessment report. The format takes into consideration teaching activities, administrative activities and research and development activities of each faculty member. All appraisal forms are available on ERP. In case of non teaching staff standard college format is used. The performance appraisal reports are assessed by the Head of Department, Principal and Director and discussed with the individual. Based on the Appraisal Report the top 5 teachers are given congratulatory letter, while the bottom 5 teachers are given counseling letters. This record is maintained in their service

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly 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

Our Institution has maintained a very transparent financial system. There are well defined processes for sanction of budget to expenditure. An internal approval system for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by Principal and Director.

Rs 10,000/- is within power of HOD and the item can be procured through demand register. Costlier equipments are procured through project office. Atleast three quotations from different vendors are compared before giving the final supply order. All bills/vouchers are audited by Internal Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department. Institution has appointed Hemant Shah & Associates, Chartered Accountant, Vishrantwadi, Pune to carry out external audit. An external auditor executes the statutory audit. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by Principal, and chartered accountant. Then audited report is submitted by chartered accountant. No major objections are found in audit by statutory auditors and minor audit suggestions are complied as per procedure. In addition Quarterly Audit Board by Station HQ Kirkee and Quarterly Surprise Check of Accounts by Station HQ Kirkee are carried out.

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

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)

Nil

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from 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

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the institute's vision and mission. Institute has made the necessary provision towards efficient use of available fund for each academic year. As per the guidelines of the management, Variance report of sanctioned budget and actual expenditure are regularly maintained. Budget requirement from all heads of department is taken before the beginning of every financial year and approval sought from the management. This takes into consideration the recurring and non recurring expenditure requirement. The budget is discussed in CDC meeting and approved by the management. As and when required, the institute makes a provision for advance additional fund. The approved budget is expended as per SOP taking CFA approvals as per laid down government procedures. The Institute has constituted a separate purchase Committee. The purchase procedure such as calling quotation, technical bid, preparing comparative statement, negotiation meetings are followed for effective and efficient use of available financial resources. Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes

File Description	Documents
Paste link for additional information	https://www.aitpune.com/Rules-and-Regulations.aspx

Upload any additional information	No File Uploaded
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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) constituted and reformed time to time. The objective of this committee is to improve the overall quality of academic and administrative functioning and activities of the Institute. 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. Regular IQAC meetings are held and bench marks are set or upgraded. Suggestion from students and alumni are taken in IQAC meetings and implemented wherever required. The performance of departments as per the benchmarks is assessed annually and Annual Quality Assurance Report (AQAR) is prepared. The Annual Quality Assurance Report AQAR for every year is uploaded on AIT website. Accreditation status of college and departments is available on website for all stakeholders. In the last five years many of the decisions taken in the IQAC meetings were approved and implemented by management.

File Description	Documents
Paste link for additional information	https://www.aitpune.com/NAACReports.aspx
Upload any additional information	No File Uploaded

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 recorded the incremental improvement in various activities. The beginning of Research and development cell (R&DE), the E cell to foster Entrepreneurs (E cell), Intellectual Property Right (IPR) cell and Institutional Innovation Cell (IIC) has encouraged R&DE culture and Entrepreneurship.

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

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	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
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

Process of equality leads o equality. There are about 60 % of female faculty members. Women faculty are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently. Some of the positions are mentioned below

1. Dean R & D

2. Two out of five HoD's

3. NAAC Coordinator

4. NIRF coordinator

5. IIC President

6. I & E cell In charge Separate Sports facilities for ladies 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 There are some scholarships which are only for girls like Pragati Scholarship and Badve scholarship Motivational talks are being arranged from Alumni girl students Many girls are joining armed forces

File Description	Documents
Annual gender sensitization action plan	https://www.aitpune.com/NAACData/Criteria7/7_1_1/2021_22/7_1_1_Annual_gender_sensitization_action_plan.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	https://www.aitpune.com/NAACData/Criteria7/7_1_1/2021_22/7_1_1_Specific_facilities_provided_women.pdf

relevant information	
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	
<p>AIT has designed methods for management of waste generated in campus using basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside 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 collected in separate bins. Biodegradable waste is disposed collected for animal feeding. Liquid Waste Management Water recycling or waste water treatment plant of 200 m3 or 2,00,000 liters capacity has been constructed. The principle of the treatment is based on Phytorid 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 are then 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.</p>	
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	No File Uploaded
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	A. Any 4 or all 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
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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).

Students at AIT are wards of army personnel and as such importance of tolerance and harmony has been ingrained in them. Institute works towards eradicating stereotypes and enhancing self-esteem. Along with curriculum, additional communication and soft skills classes are conducted for freshers Grievance Redressal cell, Internal Complaint Committee, Equal Opportunity Cell for Disabled Student and Staff and Anti Ragging Committee aims at social protection, ensuring tolerance and harmony, reducing vulnerability, empowering women and girls, cultural and regional inclusion. Industrial visits expose students to the practical challenges and also make the students from different backgrounds adapt to one another. During national festivals and other events of the college, Director of the institute and eminent personalities are invited to emphasize the importance of tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities NSS and Spiritual club activities of our institution mitigate the socioeconomic diversities and progress them towards leading to a tolerant and harmonious living. Cultural club and NSS organizes competitions in street plays, skits and choreography to educate the students and makes them aware of their social responsibilities and understand the implications of their actions. This is seen during the inter branch event Aakriti .

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

AIT sensitizes students of institution to the constitutional obligations abvalues, rights, duties and responsibilities of citizens. Sstaff is encouragto behave like role models for students. Students study courses Humanities Social Sciences. The institute hoists the flag during national festivals. Director of the institute addresses students and staff to emphasize duties and responsibilities of citizens. Students are given responsibilities for conducting various intra and inter college events, under guidance of facultCollege establishes policies that reflect core values. Code of conduct is prepared for students and staff. College curriculum is framed with mandatory courses like Professional ethicand human values, Constitution of India, Essence of Indian Traditional Knowledge, three weeks Orientation Program as a small step to inculcate constitutional obligations among the students. Guest lectures by eminent personalities on ethics, values, duties and responsibilities and on saving environment are conducted. Institute organized awareness program on "Traffirules and regulations" . NSS activities of our institution has affinity for Philanthropic initiativewhich include donation of time or resources to government, charities and organizations at local, national levels to help victims during natural disasters. Institute conducted awareness programs and rallies on ban on plastics, cleanliness, Swachh Bharat etc. involving students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.aitpune.com/Naacdata/criteria7/7_1_9/7_1_9_Details_of_activities.pdf
Any other relevant information	https://www.aitpune.com/NAACData/Criteria7/7_1_9/7_1_9_Other_relevant_information.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	No File Uploaded

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

The institute aims to inculcate values and nationalism instudents by celebrating national festivalsand birth anniversaries of great Indian personalities incollege campus every year. Celebrationsinclude flag-hoisting, Project Exhibitions, Poster Presentations, Essay Writing, and Elocution. Eminentpersonalities are invited to motivate staff and students. Independence day: Republic Day Teachers Day: International Yoga Day: Hindi Diwas: National Girl Child day: World Pedestrian day/Gandhi Jayanti: AIT Day: AIT is mainly a residential institute with most of the students and some of staff members residing oncampus. Celebrations of festivals is thus a high point of the college life. Festivals like Janamasthami, Shivratri are celebrated at Sarva Dhrma Sthal and a langar is organized. Thestudents enthusiastically organize the event and help with seating, serving and cleaning.Lodhi is celebrated with a bonfire. Dassera is celebrated with the crackers and Ravana dahan, where students celebrate victroy of good over evil. Christmas is also celebrated with merriment, .

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.

Amongst many best practices, institute is submitting the following two best practices for assessment

BEST PRACTICE1

Vibrant Clubs at Army Institute of Technology Objectives: 1. Building leadership skills and team spirit 2. Improve their networking 3. Help in community outreach 4. All round development 5. Peer learning 6. Increase employability Institution motivates the students to get actively involved in the extracurricular and co-curricular activities and extension activities. College has various clubs by which different intra college & intercollegiate activities are conducted. Each club has a faculty in charge to guide the students. Student secretaries a girl and a boy, from Third

Year, are selected via interview for all the clubs. These activities are also marked in the academic calendar. Students are also helped by a team of joint secretaries who are selected from amongst Second Year students. They in turn are backed by team of volunteers from all years.

BEST PRACTICE-2

Ecell and Startups Objectives: Purpose of entrepreneurship cell is four-fold, namely, 1. To bring out entrepreneurial flair in students. 2. To provide them with a platform which gives them number of innovative opportunities to develop entrepreneur in them. 3. To generate successful commercial enterprise contributing towards significant job creations

File Description	Documents
Best practices in the Institutional website	https://www.aitpune.com/NAACData/Criteria7/7_2/7_2_Other_relevant_information.pdf
Any other relevant information	https://www.aitpune.com/NAACData/Criteria7/7_2/7_2_Best_practices_in_the_Institutionalwebsite.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 is Unique HEI with objective of providing high quality technical education to wards of army personnel. It's a fully residential Institute for wards of army personnel. Besides academic department, college has Training and Placement Cell which runs as special department with the vision: To enhance branding and employability of AIT students by imparting necessary knowledge and skills through best training initiatives to meet expectations of all types of Industries , with necessary interaction with industry and alumni.

- To ensure high quality sustainable placement the T and P cell has taken systematic initiative which includes skill development training on communication skills interview skills .Internship opportunities are provided to majority of the students .

- Actions taken by T&P Cell : Systematic training measures Industry HR and Tech talk Exclusive portal <https://aitplacements.in/> for literature sharing and updates. Experience sharing platform 'Anubhav' developed by

OSS club. Special AI based Mock PI by Go Prac organization

- The skills are tested by conducting AMCAT personality test and professional guidance is made available

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

- To start a PG program in data science by computer department
- To conduct more add on courses by each department .
- To increase Phd holder faculty.
- To increase no of research papers and no of patents.
- To increase consultancy in each department.
- To promote more start-ups.