



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

ACHARYA INSTITUTE OF TECHNOLOGY

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Acharya Institute of Technology (AIT) established in 2000 with a motto "Nurturing Aspirations and Supporting Growth" dedicated in providing value-based quality education strives to meet global standards in technical education offering UG, PG and Ph.D. programs. AIT is a premier institution in Karnataka with affiliation to the prestigious Visvesvaraya Technological University (VTU), Belagavi, and approved by AICTE. Acharya Institutes fosters a vibrant campus life with numerous events and activities that help students develop organizational, teamwork, and leadership skills. AIT currently has over 4500 students in 11 Under-Graduate programs of which 6 are accredited by NBA, 2 Post-Graduate Programs and 11 Ph.D. Programs. AIT has set up ICT enabled classrooms, advanced laboratories, a Hi-tech library rich in academic resources and campus-wide Wi-Fi facilities.

The institute's academic excellence reflected at VTU ranks positioned 3rd amongst 191 affiliated institutes also holds first position in sports at VTU and received cash prize award of 1 lakh in 2023-24. The cultural team bagged awards at state level Rangasourabha and VTU youth fest. NSS unit facilitates and imbibes the societal and environmental responsibility among the students through various activities. In 2023-24 proposed 34 projects worth 15.18 crores. Institute Innovation Council encourages support in curating students' ideas, MSME, GOI granted Rs. 15 lakhs for a student idea, IPR cell has filed 51 patents. Grant worth of 1.5 crores received from government agencies in last five years. AIT collaborated with 20 international universities, 30+ industries for research, certification, skill training and internships. AIT offers industry-certified programs with IBM, Microsoft, L&T, Siemens, EC Council and Red Hat. Centers of excellence at AIT include ABB Robotics Lab, EV Lab with L&T, Embedded Lab with Texas Instruments. US based Unique Candela Technology offers internships and research opportunities in campus. Acharya has Alumni Chapters in Bangalore, Tanzania, and USA. 200+ companies visiting for placements, boasts a placement success rate of over 60%. Salary packages range from 3.4-65 lakhs per annum.

AIT is highly committed to holistic student development, quality education, and alignment with evolving academic needs. AIT also focuses on empowering students for employability and academic excellence, ensuring to become skilled/responsible citizens.

Vision

"Acharya Institute of Technology, committed to the cause of sustainable value-based education in all disciplines, envisions itself as a global fountainhead of innovative human enterprise, with inspirational initiatives for Academic Excellence."

AIT aims to establish itself as a leading global institution in engineering and technology education by driving innovation, creativity, and excellence. The vision is to cultivate future-ready professionals who are adept at addressing complex global challenges with cutting-edge skills and knowledge. AIT strives to create a dynamic academic environment that encourages research, fosters interdisciplinary learning, and promotes robust industry partnerships. By nurturing a culture of continuous improvement and holistic development, AIT seeks to develop graduates who are not only technically skilled but also socially responsible leaders, advancing technology and making significant contributions to societal progress.

Mission

"Acharya Institute of Technology strives to provide excellent academic ambiance to students for achieving global standards of technical education, foster intellectual and personal development, meaningful research, ethical, and sustainable service to societal needs."

The mission of Acharya Institute of Technology is to provide high-quality education and training in engineering and technology that aligns with international standards. AIT is dedicated to delivering a comprehensive educational experience that seamlessly integrates theoretical knowledge with practical skills. The institution focuses on fostering an innovative and ethical mindset among students while emphasizing a global perspective. Key aspects of the mission include advancing research and development through strong collaborations with industry and academia, enhancing graduate employability through targeted skill development programs, and contributing to societal development through active community engagement and sustainable practices.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Institution has active, participative and supportive management
- Qualified, dynamic, proficient, experienced and dedicated faculty with an attitude to excel in teaching and research profession.
- State-of-the-art infrastructure, ergonomically designed classrooms, ICT facilities to cater the needs of students and faculty and well-equipped industry powered laboratories
- Collaboration with Industries and Institutions across the Globe
- Diversified Enrollments
- Equal emphasis on academic, co-curricular, extracurricular and value-added programs for holistic development
- Eco-friendly and conducive ambience in a good geographical location
- Strong support for Faculty Development through training programs, welfare and incentives schemes
- Dynamic Training and Placement Model
- Well established entrepreneurship developed start-ups and innovation cell inspiring students to become entrepreneurs and bring in "Make-in-India" concept .
- Emphasis on quality culture in all aspects of teaching – learning process with innovative best practices
- Vibrant Alumni network with a global presence
- In-House developed Learning Management System (LMS)
- 11 research centers offering Ph.D. in the fields of STEM.
- Innovative student centric Teaching Learning Practices

Institutional Weakness

- Restricted autonomy (due to affiliated system) in curriculum, exam conduction, credits, introducing industry linked career driven courses in engineering and technology
- Low conversion of academic research into tangible products and resulting in limited number of patents.

- Need more technology incubators to transfer the technology to industries.

Institutional Opportunity

- Expanding international collaborations to enhance AIT's global presence and research capabilities.
- Strategic partnerships with global institutions offer new academic and industry collaboration opportunities and broaden students' perspectives.
- Transform into an autonomous institution for College of Potential Excellence (CPE)
- Increase consulting and research through funded projects in collaboration with Industry Institute Partnerships
- Faculty exchange programs and student exchange programs with reputed International organizations
- Enroll students in additional-internship programs for live projects in renowned industries and institutes of importance.
- Additional internship programs for live projects in renowned industries and premier institutes.
- Promoting entrepreneurship through a Technology Business Incubator.
- To increase consultancy and quality related research projects.
- To initiate new start-ups in emerging areas of innovation.

Institutional Challenge

- Keeping pace with continuous technological advancement
- To motivate faculty for Product Development, R&D, and Innovation
- Core companies for placement recruitment and international placements
- Maintaining consistency in placement results due to market volatility
- Maintaining high levels of student engagement and retention amidst growing competition is crucial.
- To incorporate exclusive foreign faculty panel from various domain to teach multidisciplinary courses

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Acharya Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka, a premier technological university in the country, and is recognized by the All-India Council for Technical Education (AICTE), New Delhi. The Institute thereby follows the curriculum designed by the university. In general, the curriculum comprises Basic Science, Engineering Science, Emerging Technology course, Professional courses, Humanities and Social Sciences, which are distributed as core and elective courses with specified breadth and depth of learning, along with Open Electives and Project Work. The syllabus in addition to technical courses, has courses relevant to Gender sensitivity,

Professional ethics, Human Values, and Community Outreach programs. An average of 30% of courses are available in the syllabus for inculcating experiential learning through project work, Mini-projects, fieldwork, and internship resulting in quality education.

The institution has adopted an innovative teaching-learning process with student-centric learning methods and any curricular gaps are bridged by Value added courses/MOOC courses, Soft Skills training and student

development programs. The institute encourages all students to enroll in value-added and MOOC certification courses. Over 50% of students have successfully completed these certification programs

The institution creates its Academic Calendar of Events, including internal assessments, semester exams, holidays, project presentations, industrial visits, and various events, based on the University Academic Calendar from VTU, while individual departments also develop their own calendars with additional department-specific activities.

Feedback on the curriculum, academic performance and ambience is regularly collected from relevant stakeholders, and the results of this assessment are used to continuously improve the curriculum. The IQAC conducts academic audits twice each semester to ensure effective curriculum delivery. Additionally, the Department advisory committee (DAC) periodically reviews the course delivery process to ensure that all departments take necessary actions for effective implementation.

Teaching-learning and Evaluation

AIT, affiliated with VTU, Belagavi, follows state government guidelines and reservation policy for admissions, with 45% of seats filled through KCET, 30% via COMEDK, and 25% under the management quota. Most departments have 100% enrollment, with an average of 85% across all departments. The institution assists financially disadvantaged meritorious students in securing government or management scholarships. The faculty are highly qualified and experienced, maintaining a student-faculty ratio of 1:18 in the most recent academic year.

The institution focuses on student-centered learning through experiential, problem-solving, and participative methods. Faculty blend traditional teaching with ICT tools like Alive LMS, videos, and online simulators. Innovative approaches, including Blended Learning, Flipped Classrooms, Virtual Labs, and MOOCs, further enhance engagement. Course materials are provided at the start of each semester, ensuring a mix of traditional and modern methods for effective learning.

The institute conducts regular faculty induction programs, workshops, and development programs (FDPs) to equip educators with modern teaching skills. These initiatives prepare students to be culturally competent, innovative, and critical thinkers. From their first year, students experience outcome-based education through induction programs and ongoing mentorship. Faculty also guide students in solving real-world problems by encouraging participation in national-level project competitions and design challenges.

To support all students, AIT provides remedial classes for slow learners and tutorial sessions to reinforce lecture content. Advanced learners are encouraged to engage in inter-collegiate competitions, research, start-up initiatives, professional events, certificate courses, and internships in emerging fields. Faculty mentors are assigned to groups of about twenty students to provide personalized guidance and support for their academic and professional development.

The Internal Assessment (IA) and Session End Examination (SEE) process at AIT follows VTU regulations and is managed transparently by the Examination Cell. The IA coordinator oversees internal assessments, while the examination section handles SEE exams and resolves student grievances. Various assessment tools, alongside internal tests, contribute to continuous assessment marks, which are used to evaluate course outcomes.

Course End Surveys (CES) further guide improvements. The DAC and IQAC review the teaching-learning process to ensure quality, helping AIT maintain a consistent graduation rate of over 95%.

Research, Innovations and Extension

AIT emphasizes research and development, encouraging faculty to publish, secure funded projects, file patents, and create innovative products. Faculty have obtained research grants worth INR1.17 crores from agencies like DST, SERB, and VGST. Over 500 research articles have been published in high-impact journals/book chapter/conferences indexed by Scopus, WoS, and UGC. In the last five years, 51 patents were filed, and faculty contributed to numerous books. AIT also hosts international conferences, seminars, and workshops on innovation, intellectual property, and entrepreneurship.

The college supports research with cutting-edge facilities, including various specialized laboratories established in the last five years to advance intellectual property, publications, and product development. Many faculty members with doctoral degrees serve as recognized supervisors under VTU, and AIT hosts 11 research centers recognized by VTU for Ph.D. programs.

AIT prioritizes research, with 80 faculty members holding doctorates and 88 currently pursuing Ph.D. degrees. The institution offers research incentives that have led to significant contributions, including publications, intellectual property, research projects, and books. AIT has signed multiple MoUs with industries and foreign universities to foster collaborative research and outreach activities that address societal challenges.

AIT has strong ties with industries and institutes of national significance, offering internships, field trips, and on-the-job training to strengthen industry-academia partnerships. Faculty and students actively participate in social responsibility initiatives through NSS, Unnat Bharat Abhiyan (UBA), and Youth Red Cross (YRC). AIT has adopted five villages under UBA and collaborates with NGOs for social impact. Community activities like tree planting, orphanage visits, Swachh Bharat campaigns, and village clean-up drives have earned AIT recognition and awards for community service and green campus initiatives.

AIT nurtures an innovative environment to promote technical and entrepreneurial skills among students. The Entrepreneurship Development Cell (EDC) is dedicated to enhancing the entrepreneurial abilities of aspiring engineers, while the IPR Cell and MSME-recognized nodal center support intellectual property and business ventures. These cells offer seminars, workshops, and training sessions with entrepreneurs, focusing on startups, capacity building, market research, business plans, creativity, idea generation, and team building. Students interested in creating scalable business models receive guidance and support to bring their ideas to life.

Infrastructure and Learning Resources

AIT's 15.01-acre campus in Bengaluru's IT corridor features 76,523 sq. meters of built-up space with lush,

green surroundings. The institute has ICT-enabled classrooms, labs, and Centres of Excellence that meet AICTE and university standards. Facilities include sports areas, hostels, cafeterias, recreational spaces, a yoga center, eco-friendly infrastructure, and a language lab for communication skills. The campus also offers transport services, ATMs, and a post office for convenience.

The Acharya Learning Resource Centre (LRC), centrally positioned on campus, serves as a knowledge hub with an extensive collection of over 85,503 volumes and 17,905 book titles, alongside subscriptions to numerous e-journals from esteemed publishers. As a member of the VTU Consortium of Libraries, AIT provides unrestricted access to a wide array of digital resources, including e-books and an online portal, D-Space, which hosts question papers, solutions, and other learning materials. The Virtual Learning Resource Lab features 85 networked computers, offering internet access, digital resources, and online access to major e-journals and e-books on various branches, circuit and non-circuit available from VTU, HELINET, and N-LIST / e-Shodha Sindhu (UGC-INFLIBNET) Consortia.

AIT also boasts state-of-the-art physical education facilities, including a stadium with floodlights, astro turf and a seating capacity of 10,000 for outdoor sports, fitness centre, football court, volleyball court, basketball court, Kabbadi, Kho-Kho court, horse riding arena, swimming pool, mechanized gym and indoor sports amenities such as carom, chess, and badminton. The campus has spacious auditoriums and ICT-enabled seminar halls for co-curricular and extracurricular activities. Maintenance and housekeeping units work diligently to ensure the facilities remain in excellent condition, fostering an optimal learning environment.

Campus-wide networking Wi-Fi and CCTV facility is available in the institute and Hostel. The entire campus is Wi-Fi enabled with a robust 1 Gbps internet bandwidth, allowing students and staff to stay connected seamlessly. The institute has 1235 computers, with 1126 dedicated to student use, maintaining a student-to-computer ratio of 3.8:1. On average, 30% of the institute's budget is allocated to infrastructure enhancement, while 70% is dedicated to maintaining academic and physical facilities, excluding salaries. The management continuously prioritizes infrastructure development by allocating sufficient resources for maintenance and upgrades.

Student Support and Progression

AIT offers an outstanding learning environment on campus, with various initiatives aimed at supporting students' holistic development and growth. The institution fosters an intellectually stimulating environment that supports students' growth in academic, co-curricular, and extracurricular pursuits. Students are actively involved in decision-making processes, with ample representation on various academic and administrative committees.

The institute actively assists students in accessing financial aid through well-established scholarship cell, including government scholarships, non-government freeships, and scholarships provided by AIT's management. Over 60% of the students benefit from scholarships and free ships provided by government, non-governmental organizations, and the institution itself.

The institution has a robust mentoring system with a Chief Mentor at the institute level and a Mentor Coordinator at the department level. Each faculty member mentors around 20 students, offering ongoing guidance and monitoring of their academic and personal development.

To build self-confidence, improve decision-making, and enhance life skills, the institution provides guidance in

competitive exam preparation, soft skills, ICT/computing skills, yoga, physical fitness, and meditation. Committees like the Grievance Redressal, Anti-Ragging, and Internal Complaints Committees address student concerns. Academic and non-academic grievances can be submitted via online platforms or suggestion boxes on campus.

The placement training cell at AIT offers programs to prepare students for job placements and further studies. About 60% of students secure jobs through campus recruitment, while 5-10% pursue higher education at top institutions in India and abroad. Students participate in hackathons, project competitions, and paper presentations worldwide, on an average, 50 students are getting award/recognitions through participation in various events. AIT consistently excels in cultural and sports events, with 25% of students actively involved, many earning accolades at university, state, and national levels. Numerous student clubs foster participation in co-curricular and extracurricular activities, with over 50 sports and cultural events held annually, creating a vibrant campus atmosphere.

The institute's alumni association includes one local chapter and three international chapters, boasting over 18,000 registered members. The Acharya alumni association significantly contributes to the institution's growth by enhancing the teaching-learning process and supporting placement training activities. Alumni involvement enriches the overall student experience and fosters continuous development at the institution.

Governance, Leadership and Management

The institute has a structured administrative framework that complies with UGC and VTU standards, including statutory bodies like the Governing Council, Academic Council, and IQAC. Meetings are held per established norms, with non-statutory meetings occurring monthly or as needed. The governance system features decentralized management, allowing the Principal, department heads, and faculty academic freedom to pursue the institution's Vision and Mission. Various committees and cells, comprising faculty from different departments, are vital to AIT's quality improvement and governance efforts.

The institution has a clear framework for effective protocols and processes, featuring defined policies, organized administrative structures, and established service rules. Evaluation criteria, including a Performance-Based Appraisal System, are communicated to teaching and non-teaching staff, with regular performance monitoring. Specific guidelines for recruiting new faculty members have also been established.

The institute has adopted a perceptive and strategic plan as part of its AIT Initiatives, aimed at achieving excellence and providing faculty members with numerous leadership opportunities. These initiatives empower faculty to make meaningful contributions to the institution while cultivating a strong sense of belonging.

The institute has a well-established system for auditing financial transactions, conducted by both internal auditors and external agencies. The institute has adopted and implemented e-governance through ERP in areas administration, examination, processes and academics.

The institute offers comprehensive welfare measures for teaching and non-teaching staff, prioritizing their professional development and well-being. In the past five years, over 25% of faculty have received financial support for conferences, workshops, and exams like NPTEL. Additional benefits include research, maternity, marriage, and paternity leave, along with a faculty incentive scheme for academic and research achievements. All staff members also receive medical and accidental insurance coverage.

The institution has established a strong IQAC to enhance academic and administrative performance, fostering excellence in both education and research. The IQAC regularly evaluates and audits academic and administrative functions in line with established procedures and objectives. It is instrumental in accreditation and ranking efforts, offering recommendations for continuous improvement. All IQAC meetings are documented, with minutes made available on the college website, and corrective actions are implemented based on the outcomes of these discussions.

Institutional Values and Best Practices

The AIT administration diligently identifies and addresses the needs of women employees and female students, ensuring their safety, security, counseling, and healthcare. Regular checks are conducted to confirm that these provisions are consistently available and effectively managed. AIT promotes gender equity and maintains an inclusive and supportive working environment. The Women's Cell organizes various initiatives, including gender sensitization workshops, self-defense programs, counseling sessions, and health and wellness activities. Additionally, AIT conducts numerous events each year to educate students and employees about their constitutional duties as Indian citizens.

Since its establishment, AIT has consistently embraced eco-friendly practices to maintain a sustainable campus environment. This includes ongoing efforts in tree planting, rainwater harvesting, sewage recycling through STPs, and extensive use of renewable energy sources such as solar power. The institute actively supports green initiatives, including renewable energy and waste management. The campus is also equipped with facilities for physically challenged students, including ramps, elevators and wheelchairs.

In addition to celebrating national and international commemorative days, students and faculty are regularly encouraged to participate in and organize social activities such as Swachh Bharat, blood donation drives, health checkups, and environmental awareness campaigns. The college is dedicated to fostering behavioral development through courses on 'Universal Human Values' and 'Professional Ethics.'

AIT distinguishes itself through best practices such as Outcome-Based Education (OBE), which integrates advanced ICT tools into Teaching-Learning Processes (TLP) to enhance the quality of education. This approach aligns teaching methods with specific, measurable outcomes, thereby improving student learning experiences. Complementing this is the Acharya Assessment and Training program, which further enhances student employability and career development. Together, these practices provide a holistic and inclusive technical education tailored to students from diverse backgrounds. Additionally, AIT places a strong emphasis on holistic student development by promoting sports, cultural activities, and community engagement, making it a distinctive educational environment.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	ACHARYA INSTITUTE OF TECHNOLOGY
Address	Soladevanahalli, Hesaraghatta Main Road, ACHIT Nagar Post, Bangalore-560 107, Karnataka, India.
City	Bangalore
State	Karnataka
Pin	560107
Website	www.ait.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Rajeswari	080-22555555	6364522980	9180-23700242	principalait@acharya.ac.in
Associate Professor	Lakshmikanth S.	0-9741344378	9986431667	9180-23700242	ait-iqac@acharya.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Karnataka	Visvesvaraya Technological University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	07-02-2017	View Document
12B of UGC	02-01-2020	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval
AICTE	View Document	22-05-2024	12	Yearly Approval

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Soladevanahalli, Hesaraghatta Main Road, ACHIT Nagar Post, Bangalore-560 107, Karnataka, India.	Urban	15.01	76523

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Aeronautical Engineering,	48	PUC	English	60	66
UG	BE,Biotechnology,	48	PUC	English	60	50
UG	BE,Civil Engineering,	48	PUC	English	60	47
UG	BE,Computer Science And Engineering,	48	PUC	English	180	217
UG	BE,Electrical And Electronics Engineering,	48	PUC	English	60	71
UG	BE,Electronics And Communication Engineering,	48	PUC	English	120	142
UG	BE,Information Science And Engineering,	48	PUC	English	120	144
UG	BE,Mechanical	48	PUC	English	60	44

	Engineering,					
UG	BE,Mechatronics Engineering,	48	PUC	English	60	45
UG	BE,Artificial Intelligence And Machine Learning,	48	PUC	English	120	142
UG	BE,Computer Science And Engineering Data Science,	48	PUC	English	60	72
PG	MCA,Master Of Computer Application,	24	UG Degree	English	120	119
PG	MBA,Master Of Business Administration,	24	UG Degree	English	240	276
Doctoral (Ph.D)	PhD or DPhil ,Biotechnology,	72	PG Degree	English	1	1
Doctoral (Ph.D)	PhD or DPhil ,Computer Science And Engineering,	72	PG Degree	English	3	0
Doctoral (Ph.D)	PhD or DPhil ,Electrical And Electronics Engineering,	72	PG Degree	English	2	0
Doctoral (Ph.D)	PhD or DPhil ,Electronics And Communication Engineering,	72	PG Degree	English	2	0
Doctoral (Ph.D)	PhD or DPhil ,Mechanical Engineering,	72	PG Degree	English	3	0
Doctoral	PhD or	72	PG Degree	English	3	0

(Ph.D)	DPhil,Physics,					
Doctoral (Ph.D)	PhD or DPhil ,Chemistry,	72	PG Degree	English	3	0
Doctoral (Ph.D)	PhD or DPhil ,Business Administration,	72	PG Degree	English	3	1
Doctoral (Ph.D)	PhD or DPhil ,Computer Application,	72	PG Degree	English	3	0
Doctoral (Ph.D)	PhD or DPhil ,Aerospace Engineering,	72	PG Degree	English	2	0
Doctoral (Ph.D)	PhD or DPhil ,Mathematics ,	72	PG Degree	English	3	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	25				29				195			
Recruited	21	4	0	25	18	11	0	29	103	92	0	195
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				75
Recruited	35	40	0	75
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				46
Recruited	31	15	0	46
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	21	4	0	16	11	0	19	10	0	81
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	2	0	0	84	82	0	168
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	1846	735	0	69	2650
	Female	898	172	0	11	1081
	Others	0	0	0	0	0
PG	Male	276	166	0	4	446
	Female	198	82	0	1	281
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	1	0	0	0	1
	Female	1	0	0	0	1
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	46	39	33	32
	Female	16	15	19	24
	Others	0	0	0	0
ST	Male	6	5	5	5
	Female	6	5	4	3
	Others	0	0	0	0
OBC	Male	76	59	69	74
	Female	63	43	38	38
	Others	0	0	0	0
General	Male	644	564	507	556
	Female	359	222	188	158
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1216	952	863	890

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	For over 20 years, Acharya Institute of Technology (AIT) has been a well-regarded institution affiliated with Visvesvaraya Technological University (VTU). The institution is dedicated to its Quality Policy, ensuring a diverse and inclusive learning environment in line with VTU's framework. The university's New Curriculum (2021, 2022 Scheme) is designed to align with the objectives of the National Education Policy 2020 and the dynamic needs of the industry. AIT strictly follows the VTU curriculum, promoting a holistic and multidisciplinary approach to education. The curriculum is both industry-focused and skill-oriented, giving students the flexibility to choose electives that match their interests, and the
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	competencies required for future careers and entrepreneurship. Students from all programs can also select open electives from a wide range of disciplines beyond their main field of study, expanding their educational experience. To enhance Outcome-Based Education (OBE) and support the multidisciplinary goals of NEP 2020, VTU has introduced various courses, including Ability Enhancement Courses, Universal Human Values, Constitution of India, Professional Ethics, National Social Service (NSS), Sports, Yoga, Fine Arts, Environmental Studies, Social Connect and Responsibilities, and Biology for Engineers. The institute encourages faculty to teach interdisciplinary subjects, fostering a broader perspective among students. AICTE-driven activities are also organized to make students aware of real-world issues, allowing them to analyze, propose solutions, and take meaningful actions, thereby nurturing a strong sense of societal responsibility. Students are encouraged to work from second year in projects pertaining to current/real-world problem statements. The students have liberty to work for long-term projects called major projects and short-term projects called mini-projects to address the societal needs in line with the institute's mission. Students are also encouraged to work as interns in industries during semester vacation. AIT also provides students with the chance to work on projects in advanced and emerging technologies. To stay current with technological advancements, the institute organizes workshops, guest lectures, project exhibitions, and certification courses. Students are further motivated to participate in multidisciplinary research activities, such as idea pitching and hackathons. Additionally, the institute consistently offers a variety of certificate programs, add-on courses, value-based courses, and MOOCs of an interdisciplinary nature.
2. Academic bank of credits (ABC):	The Academic Bank of Credits (ABC) is an innovative system introduced under the National Education Policy (NEP) 2020 and implemented by Visvesvaraya Technological University (VTU) to promote flexible and student-centric learning. Acharya Institute of technology is registered in National Academic depository (NAD) NAD098451. The students are registered for Academic Bank of credit (ABC). AIT follows the regulation as per the

	university, awareness created during the induction program, and as and when required the students are explained about Academic Bank of Credits (ABC). The concept, purpose and structure of ABC were explained, emphasising its role in promoting credit transfer and accumulation about academic bank of credit and how it works. The Institute registered itself in ABC portal for students to store the credit earned. The features of Academic bank of credits (ABC): • To facilitate flexible learning within the stipulated period, multiple entry and multiple-exit options are offered to needy students. It is designed to facilitate the seamless mobility of students across higher education institutions while recognizing and accumulating academic credits earned over time. • If student earn additional 18 or more credits through a university-approved online courses list submitted by the Board of Studies and meets regulations governing the minor / honours degree. • ABC is integrated with DigiLocker, where credits are securely stored in digital format. Students can access, view, and share their credit records with educational institutions or potential employers through this platform. • VTU has implemented the ABC framework by encouraging institutions and students to register on the ABC platform. Awareness programs, workshops, and training sessions are conducted to familiarize students and faculty with the ABC system's benefits and functioning. • VTU has revised its curriculum to align with the ABC system, incorporating flexibility in course selection, elective options, and multidisciplinary courses. This integration ensures that students can accumulate and transfer credits efficiently. • VTU, along with its affiliated colleges, monitors the implementation of the ABC framework to ensure quality education and credit recognition. Regular audits, assessments, and feedback mechanisms are in place to maintain the system's integrity and effectiveness.
3. Skill development:	Acharya Institute of Technology (AIT) prioritizes comprehensive skill development through a range of initiatives designed to enhance students' technical, professional, and soft skills. Key aspects include: 1. Technical Skill Development: • Workshops and Labs: AIT provides advanced labs and workshops for hands-on experience in engineering, computing, and emerging fields • Certifications and Training:

Collaborating with industry leaders, AIT offers certification programs to boost students' technical competencies. • Specialized Skill Labs: AIT houses several specialized labs, including ABB Industrial Robotics Lab, Flight Simulation Lab, Texas Instruments Lab, VLSI Lab, CAD/3D Printing Lab, IoT Lab, Virtual Instrumentation Lab, and others, enabling students and faculty to gain essential skills.

2. Soft Skills and Communication: • Personality Development: AIT conducts training programs and OBT focused on communication, leadership, and teamwork to strengthen students' interpersonal skills. • Acharya Assessment and Training Program: Starting from the first semester, this program equips students for placement and industry demands, providing continuous soft skill and aptitude training.

3. Industry-Oriented Skill Development: • Center of Excellence: Labs like Candela Technologies' L&T Electric Vehicle Lab and Siemens PLM Lab offer immersive experiences, with training, internships, and placement opportunities. • Internships and Training: AIT encourages internships and industrial training to give students exposure to real-world industry practices. • Industry Expert Sessions: Regular guest lectures, seminars, and workshops by industry professionals keep students updated on current trends.

4. Entrepreneurship and Innovation: • Startup Incubation: Through the Acharya Technology Business Incubation (ATBI) Cell and Innovation & Entrepreneurship Development Cell (IEDC), AIT promotes entrepreneurship, offering support for startups and product development. • Hackathons and Ideation: AIT hosts hackathons and ideation events, fostering innovation and creative problem-solving.

5. Research and Development (R&D): • Research Projects and Patents: AIT encourages students to participate in research, providing opportunities to publish and file patents. • Collaborations: AIT collaborates with academic and industry research institutions to offer students valuable exposure to cutting-edge research projects.

6. Professional Development: • Placement Training: AIT's comprehensive placement programs include mock interviews, resume workshops, and aptitude training to prepare students for the job market. • Professional Societies: Membership in technical societies like IEEE, ASME, ACI, IE, AIMA, ISTE and others provides students with networking and further skill-

	building opportunities. Through these initiatives, AIT equips students with the technical, professional, and soft skills necessary to excel in their careers.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Acharya Institute of Technology promotes the exchange of linguistic and cultural traits of heterogeneous groups. Students get an opportunity to develop their multilingual capacity in Kannada, Hindi, and English alike. The institute welcomes both national and international students from diverse ethnic and cultural backgrounds and promote cultural tolerance and harmonious existence. Additionally, the institute offers Kannada language classes, including Samskrutika Kannada, Balake Kannada, Adalitha Kannada (Kannada for Administration), and Vyavaharika Kannada (Kannada for Communication). These classes help students communicate effectively in Kannada, facilitating their daily activities and integration into the local community. The introduction of SAMSKRUTIKA KANNADA and BALAKE KANNADA as part of value education evidently shows the institution's integrity towards rich Indian culture. International Mother Language Day is being celebrated as Matribhasha Diwas on February 21 every year. The Sadbhavana Divas, or also called the Harmony Day (Samrasta Divas), is an important event in the Indian Calendar. It is celebrated on the 20th of August every year. The VTU curriculum includes courses such as Social Connect and Responsibility, Indian Constitution, Communicative English, Professional Writing Skills in English, Innovation and Design Thinking, Ability Enhancement Courses, and mandatory National Service Scheme (NSS) activities, as well as Sports, Athletics, and Yoga. These courses are designed to integrate Indian culture and language into the curriculum. The institution, on the other hand, commemorates significant dates and hosts activities in regional languages to instil a sense of regional pride. It also organizes cultural events such as Kannada Rajyotsav, Onam, Durgashtami, Christmas, sukhi sambrabha (Sankranti), Dasara, and Ethnic Days to celebrate and promote Indian culture among students. National commemorative days, such as Constitution Day and Yoga Day, are also observed with same enthusiasm in the college. AIT offers a unique and valuable perspective on the world emphasizing holistic understanding, spiritual growth

	and contextual awareness. By preserving promoting and integrating IKS with modern knowledge AIT can foster a more inclusive and a sustainable future. This rich tapestry of wisdom has contributed significantly to human understanding and well-being.
5. Focus on Outcome based education (OBE):	OBE: is a student- cantered approach focuses on measuring student learning outcomes to ensure academic achievement. This student-cantered methodology emphasises clear, measurable objectives, continuous assessment and feedback. VTU Regulations governing the UG and PG Degrees are under the Outcome-Based Education and Choice Based Credit System (CBCS). The institution strictly follows the guidelines and regulations of the VTU in the curriculum. The institution adheres to the National Board of Accreditation norms to prepare the outcome-based education in PEO's, PSO's and Course Outcomes. Acharya Institute of Technology, with 9 eligible undergraduate programs out of which 6 UG programs have received 2nd/3rd cycle NBA accreditation for period 2022-2025/26. AIT has a strong commitment to Outcome-Based Education (OBE). Program Educational Outcomes (PEO), Program Outcomes (PO), PSO and Course Outcomes (COs) are well defined for all the programmes offered and displayed in all prominent places in the department corridors / classrooms / labs, Blue Books, webpages. This educational approach focuses on the specific skills, knowledge, and attitudes that students must demonstrate upon completing their programs. To effectively implement OBE, the institution has adopted student-centric approaches which include participative, experiential and problem-solving methods like project-based learning, flipped class room, discussion forums, Quiz, Add-on courses Roleplay, case studies, peer and self-learning etc., that results in measurable outcomes in TLP. Students are made aware of the various course outcome, and program outcome through the curriculum and orientation program. Attainment of outcome is analysed and assessed at the end of each batch. The outcomes are measured through Direct and Indirect assessment method. Direct Method: The outcomes are measured through the Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). The CIE includes the tests, assignments, Quizzes etc. The SEE is either in the written form or

	in the form of the practical. Indirect Method: The outcomes are measured using the feedback by the stake holders. The outcome attainments are calculated and compared with set target values. Appropriate action is taken in both the cases, by bridging the gap between target value and attainment to achieve the set target.
6. Distance education/online education:	The institution promotes teaching-learning through in-house developed ALIVE virtual platforms. As per the VTU University regulation, distance education is not part of the curriculum. The University encourages online education and introduced Honours / Minors degree if students earn minimum additional 18 credits, in addition to the credit earned through university examination and satisfies university norms from time to time regarding the earning of additional credits. During Covid-19, Institute has offered blended learning as learner centric approach through ALIVE Learning Management System such as Google Classroom and procured Microsoft Teams to enable online learning. Faculty members have sufficient experience in e-content development and the use of ICT tools, ERP tool software and Alive LMS for the teaching-learning process. The institute uses online Virtual lab, MOOC courses, NPTEL courses to impart knowledge beyond the courses that are prescribed by university. The institution has a learning management system for academic practice and follows innovative teaching methods. Measures such as online certification courses (Coursera/ Infosys Spring Board/ NASSCOM/ Board infinity) and digital repositories, credit-based recognition of MOOCs, etc., will be taken to ensure it is at par with the highest quality in-class programmes. The institution has been constantly encouraging and motivating the faculty in Teaching and learning processes. These innovative teaching helps the students to participate and increase their learning capacity and global competitiveness.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes. Electoral Literacy club is a platform to engage students through interesting activities and hands on experience to sensitize them on their electoral rights
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	and familiarize them with the electoral process of registration and voting. Electoral Literacy Club (ELC) targets the new voters, (in the age group of 18-21 years old) pursuing their graduation and conduct mock polling activities to give the experience-based learning of the democratic setup. Also conduct other activities such as road shows to create awareness regarding electoral procedures.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, student's co-ordinator and co-ordinating faculty members are appointed by the college. The ELCs are functional and facilitate the enrolment of students not registered as voters. ELCs are conducting awareness campaign and road shows programs amongst first time voters.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The Institute conducts a number of activities to create sensitization of students and employees by conducting constitutional activities like constitutional day, youth day, voter's awareness program, legal awareness program and voter's registration drive for adopting the values, rights, duties and responsibilities of citizens. The constitutional day on 26th November has been conducted every year and a pledge is taken by all students and staff members. The college has an Electoral Literacy Club (ELC) in which the institute conducts voter awareness programs. Our students participate in Voter Awareness Campaigns aimed in educating the public in the nearby villages, and also created awareness and interest among faculties and students through workshops.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The ELC takes initiatives that are socially relevant to electoral related issues especially awareness drives, highlighting their contribution to advancing democratic values and participation in electoral processes. The faculty and student participated in campaign Mera Pehla Vote- Desh Ke Liye. Short videos/reels making on importance of election. Elocution (speech on importance of election). National voters day celebration on 25th January. Which is significant in its purpose to encourage young voters to take part in the electoral process.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The students above 18 years who are to be enrolled as voters are sensitized about democratic rights which include casting votes in elections. AIT conduct mock polling activity to give the experience-based learning of the democratic setup. The ELC, conduct an

awareness programme and other programmes which create an awareness regarding electoral procedures. Voter registration drive conducted at institute for above 18 years of age students.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
4458	4009	3938	4271	4345
File Description		Document		
Upload Supporting Document		View Document		
Institutional data in prescribed format		View Document		

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 437

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
249	228	238	227	250

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
3749.586412	3073.20535	2516.54061	2478.25487	2855.16544

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Acharya Institute of Technology (AIT), affiliated to Visvesvaraya Technological University (VTU), is a global study destination with students from 34 countries has established comprehensive framework for planning and delivering its curriculum, organized into four phases to ensure adequate academic management and conduct of Continuous Internal Assessment. Choice-Based Credit System (CBCS) and Outcome-Based Education (OBE) are implemented.

Phase-1: Institute Level Planning-

VTU provides scheme, module-wise detailed syllabus and academic calendar. The institution prepares an academic Calendar of Events (COE), including the Internal Assessment (IA), Semester End Exam (SEE), skill development activities, societal activities, etc. Academic Council (AC) plays a pivotal role in defining policies, strategies, benchmarking, processes and timelines to achieve academic excellence. Each department subsequently prepares departmental COE, including MOOC, Value added programs (VAP), guest lectures, workshops, co-curricular and extra-curricular activities.

Phase-2: Department Level Planning-

Courses are allocated by HOD to course instructors based on preferences. The course file includes augmented content (5-10%), prerequisites, bridge courses for lateral entry, course objectives, textbooks, references, e-materials, assessment procedures, Course Outcomes (COs), Program Outcomes (POs), Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and mapping. Every Department Advisory Board (DAB) provides inputs on academics for excellence and Department Academic Committee (DAC) reviews course files/materials, syllabus coverage, IA question papers and CO attainment for effective implementation of curriculum delivery with OBE and provide timely feedback.

Phase 3: Curriculum Delivery-

AIT's highly qualified and experienced faculty deliver a structured Teaching-Learning Process (TLP) focused on Revised Bloom's Taxonomy (RBT), attitudinal, and psychomotor skills. Each session has clear objectives, with introductions, concept discussions, and summaries. The institute offers state-of-the-art facilities and employs student-centric practices like blended learning, ICT tools, and the ALIVE LMS platform. The institute uses varied teaching methods, including lectures, discussions, and flipped classrooms for theory, while practical courses focus on experiential, project-based learning, simulations, and hands-on activities. In addition, Research Integration and Capstone Experience (RICE) and

Collaborative and Active Learning Enhancement (CALE) using open-source tools.

Phase 4: Continuous Internal Evaluation (CIE)-

In compliance with VTU regulations, Internal Assessment tests and assignments are conducted 2/3 times per semester based on the scheme. The CIE is part of the final assessment. The Course coordinator prepares IA question papers, reviewed and approved by module coordinators and HODs to ensure quality using rubrics. Approved question papers are sent to the IA coordinator for printing. The IA schedule, invigilation, seating arrangements, and attendance sheets are prepared and brought to the notice of the concerned. After completing IA, the course coordinator will discuss and share the scheme and solutions through Systemic and Fair Assessment and Assignment with Rubrics (SFAAR). Systemic and fair assessment ensures consistent evaluation, reducing bias and increasing transparency using rubrics. Rubrics provides clarity, understanding the expectations to improve. The evaluated blue books are distributed to students for verification as per scheme and solutions. Any discrepancies are addressed with course instructor and final IA marks are uploaded to VTU portal.

AIT's holistic approach ensures effective curriculum delivery, diverse teaching methods, and transparent assessment.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 565

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files

1 [View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 55.21

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
5023	1391	1361	1023	2808

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

AIT integrates cross-cutting issues like Professional Ethics, Human Values, Gender, Environment, and Sustainability into the curriculum, with 10% to 15% of courses mapped to these areas. The institution emphasizes Energy Conservation, Mental Health, Women Empowerment, and Health Awareness for holistic development. This is achieved through collaborations with dedicated cells and committees such as the Women Cell, Universal Human Values Cell (UHV), SC/ST/OBC/Minority cell and National Service Scheme, ensuring comprehensive awareness among our staff and students.

1. Professional Ethics and Human Values

AIT offers courses on 'Professional Ethics, Indian Constitution, and Human Values' to prepare students for practising ethics and inculcating a value system in handling personal and professional domains. Students are encouraged to practice mutual respect, tolerance, and fairness in their interactions, promoting societal growth. As per AICTE, the UHV Cell conducts activities that instil honesty, discipline, sincerity, and professionalism. Additionally, the institution celebrates important days like Republic Day, Women's Day, National Girl Child Day, Independence Day etc., that helps to instil ethical and social values.

2. Gender Equality and Sensitization

AIT is a co-educational institution and has taken measures to ensure gender sensitization and equality in all aspects. Various cells and committees, such as the Women Cell, Anti-Ragging Committee, Internal Complaint Committee, Disciplinary Committee, and SC/ST/OBC Committee, are established to address any issues. The campus is secured with CCTV and high-level security. A well-defined mechanism for grievance redressal exists. Gender equity is practised in all institutional activities (recruitment, project teams, cultural activities, sports, and associations). The institute strictly adheres to zero tolerance policy.

Women Cell (SAKHI): SAKHI, is dedicated to promoting gender equality and addressing issues of women's empowerment. The cell organizes awareness programs and ensures the grievances of female students and staff are addressed in a timely manner. As part of its initiatives, SAKHI conducts outbound training once a year, allowing engage in team-building and health-related activities. Our commitment to create a supportive and empowering environment for all women at AIT is continuous.

SC/ST/OBC/Minority Cell: The cells aim to promote equal opportunities for all stakeholders, particularly those from marginalized backgrounds (SC/ ST/ OBC/ Minority). The objectives include ensuring Non-discrimination, promoting diversity and inclusion, addressing grievances, raising awareness, and providing support and resources. The cells organize workshops to inform participants about various schemes, scholarships, and benefits available to SC/ST/OBC/Minority communities, ensuring the effective utilization of State Government, Central Government, and UGC programs.

3. Environment and Sustainability

The "Environmental Studies" course covers ecosystem balance and sustainability and is a mandatory part of the 2nd/3rd-year curriculum for all students across branches. Additional courses and open electives related to the environment are offered to further emphasize its importance. The institution celebrates Environment Day and engages in extension activities through NSS, such as Green Sustain Initiative (GSI) for tree plantation drives demonstrating our commitment to biodiversity, heritage walks, rainwater

harvesting, and the Swachh Bharat Campaign. Under the Unnat Bharat Abhiyan scheme, AIT adopted five nearby villages, where students educated the villagers on adopting modern technologies, creating a plastic-free environment, managing pandemics, and more.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 62.88

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 2803

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 85.46

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2023-24	2022-23	2021-22	2020-21	2019-20
1435	1216	952	863	890

2.1.1.2 Number of sanctioned seats year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1320	1320	1140	1209	1278

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list as published by the HEI and endorsed by the competent authority	View Document
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 64.1

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2023-24	2022-23	2021-22	2020-21	2019-20
236	213	166	168	176

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
356	339	245	263	293

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 17.9

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

AIT employs student-centric learning practices to meet challenges of living as well as academics through participative learning, experiential learning, and problem-solving methodologies. These are meticulously planned before each semester in coordination with Department Advisory Committee (DAC) and course coordinators. Distinctive Student-centric learning methods are listed:

Experiential Learning:

- **Industrial Visits and Competitions:** Students participate in field/industrial visits, national and international competitions/hackathons, exposing to corporate culture, ethics, and Industrial revolution 4.0.
- **Project Centric Learning:** guided through thrust areas and technology enablers. Students undertake two projects: mini-project and major project in their domain of interest. Opportunities for industry collaboration and alumni mentoring are provided to develop skills and industry readiness.
- **Add-on Courses:** To encourages students for MOOC courses from platforms like NPTEL, Coursera, Infosys Springboard, NASSCOM, and Udemy which focus on the latest technologies.
- **Internships:** AIT supports additional internships along with mandatory internships through industry collaborations, on-campus industry interactions, and the placement team.
- **Seminar:** Students Engage with peers and industry professionals to provide exposure to diverse perspectives.
- **Workshops:** to apply concepts in real-time scenarios, deepening their understanding and retention of knowledge.
- **Skill Laboratories:** AIT hosts skill laboratories including, ABB industrial Robotics Lab, Tantalizer - Flight simulation Lab, IBM innovation Lab, Texas Instruments lab, Cadence- VLSI Lab and Material Science Lab etc, which help students to develop necessary skills.

Participative Learning:

- **Classroom Activities:** Role plays, flipped classrooms, brainstorming sessions, peer learning, and presentations are integrated into the curriculum.
- **Cocurricular/Extracurricular Activities:** Summer/winter schools, hackathons, NSS activities, AICTE activity points, and group discussions form part of the participatory learning framework.
- **Student Forum Activities:** students showcase and develop their managerial skills.
- **Guest Lectures and Workshops:** Hands-on workshops by industry experts and guest lectures on the latest technologies.
- **Global Immersion Programs:** Awareness of global issues and to gain cultural and academic experiences have been initiated.
- **Company-on-campus:** Interaction on the latest tools, skill development, corporate culture, internship and placement opportunities.
- **Learning Management System (LMS):** AIT has developed an in-house LMS, Alive (Acharya Live), to augment and enhance the learning experience. Alive allows the uploading of reading resources, assignments, video lectures, interactive polling, quizzing, and discussion forums. It integrates with open-source tools, uses digital boards, provides automated attendance, and offers advanced control options for hassle-free sessions. Open-source platforms and plagiarism tools used for various teaching, learning, and research purposes.

Problem-Solving Methodology:

- **Case Studies:** To understand the impact of technology on society and the environment, fostering problem-solving abilities.
- **Interactive Learning:** Brainstorming sessions and debates to enhance general awareness and communication skills.
- **Quizzes and Group Assignments:** Activities promote interactive learning and enhance analytical and thinking abilities.
- **Research Forums:** Students are encouraged to write research articles, technical blogs, and undertake capstone projects.
- **Technology & Innovation Club:** Established a culture of innovation, idea generation, talents and interests.
- **Annual Technical Symposium- “Technotsava”:** showcasing UG/PG research projects and promoting industry interactions.

AIT’s comprehensive approach to student-centric learning combines experiential, participative, and problem-solving methodologies, supported by robust infrastructure and resources, to provide holistic and enriched educational experience beyond curriculum, spiritual values such as compassion and peace.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 98.76

2.4.1.1 Number of sanctioned posts year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
249	230	240	230	258

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 30.96

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
90	73	69	64	73

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms**2.5.1**

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

AIT is aligned to the regulations of the VTU. Institution implements a systematic and transparent approach to **Continuous Internal Evaluation (CIE)** and **Semester End Examinations (SEE)**. As per university norms, the CIE comprises internal assessments and assignments with designated weightages.

CIE

1. Communication and Transparency:

- **Syllabus and Regulations:** Frequency and regulations for CIE, Assessment process and any changes are conveyed to students at the commencement of each semester.
- **Calendar of Events:** Internal Assessment (IA) is provided in the AIT-COE to all the departments by dean academics, with the approval of Principal and the same is communicated to students at the commencement of the semester.

2. Assessment Structure:

- **Centralized Conduct:** Internal Assessments are centralized, with two/three assessments conducted per semester based on VTU guidelines. The IA schedule, including the timetable and seating arrangements, is managed by the IA coordinator.
- **Question Paper Preparation:** Course coordinators set the question papers along with an evaluation scheme, solutions aligned with course outcomes and Bloom's Taxonomy levels. The QP is scrutinized by the module coordinator and the revised is approved by the Head of Department (HoD) to ensure they meet quality standards, particularly on their complexity and emphasis on critical thinking. Once approved, question papers are submitted to test coordinator for printing.

3. Evaluation Process:

- **Internal Assessments:** Evaluation includes IA, assignments, quizzes, and case studies for theoretical subjects. For practical subjects, assessments involve experimental execution and model practical exams. Projects, seminars, and internships are evaluated based on student presentations, reports, and models.
- After the IA, the course coordinator shall discuss and share the IA QP along with the scheme and solution to the students.
- The evaluated blue books are made available to students to enable them to assess their performance in the test.
- In case of family demise, university activities, medical emergency etc, one additional IA will be given.
- Zero tolerance towards Malpractice during IA.
- **Rubrics and Feedback:** Evaluation follows detailed rubrics and assessment frameworks. After assessments, blue/yellow books are evaluated based on pre-approved schemes and solutions, and students are provided with their evaluated scripts to verify marks.
- **Grievance Redressal:** Students can appeal to the HoD/Dean-Academics and resolved within 3 days.

4. Reporting and Remedial Actions:

- **Mark Entry and Parent Access:** Final marks are notified to students and parents, through proctors. Students scoring less than minimum requirement are counselled, and remedial classes are organized to address their academic needs.
- The Final CIE marks (IA+ Assignment) uploaded to university web portal.

SEE

1. Examination Conduct:

- **Question Paper Setting:** VTU assigns question paper setting to faculty and is scrutinized/finalized by the Board of Examiners (BOE) of the University. Question paper is received on the day of exam 30 mins before through double secured password.

In QPDS, question papers are printed and distributed to students via invigilators.

- **Evaluation:** VTU digitally evaluates SEE answer scripts, while practical exams are conducted by both external and internal examiners.
- **Grievance:** photocopy, re-evaluation and challenge evaluation are made available from VTU.
- **Malpractice:** are handled as per VTU norms.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

AIT is committed to achieving excellence in education, research, nurturing engineers with strong ethical values, and equipping them to tackle techno-societal challenges. The institution practices OBE, ensuring that the learning process is structured with clearly defined objectives and outcomes.

As a testament to the effectiveness of OBE practices, six undergraduate programs at AIT are accredited by the National Board of Accreditation (NBA).

Program Educational Objectives (PEOs): Four PEOs are defined and outlines the professional milestones that graduates are expected to achieve within 3 to 5 years after graduation.

Program Specific Outcomes (PSOs): Each academic program also defines Program Specific Outcomes

(PSOs), typically numbering between 2 to 4, tailored to the program specific.

Program Outcomes (POs): POs are outlined to emphasize continuous professional development, social responsibility, leadership, professional ethics, community engagement, nation-building, and life-long learning.

Course Outcomes (COs) are established for each course by a team of Department Advisory Committee (DAC) members, and faculty members. These outcomes are mapped to the POs, PSOs and PEOs. For every course, about 4 to 7 measurable course outcomes are framed by respective faculty coordinator focusing on imparting higher order thinking skills to students. While framing COs, Blooms Taxonomy levels are taken into account and each CO is mapped to respective Blooms level. These COs are discussed and approved by the DAC members.

An OBE manual with all the guidelines and procedures is shared with the faculty members. These COs, POs and PSOs are updated on the institution website under each department and displayed at strategic locations as listed.

- Ex:<https://ait.ac.in/ait/best-aeronautical-engineering-colleges-in-bangalore.html>
- HOD office
- Faculty rooms
- Department notice boards
- Lab manuals
- Laboratories
- Department Corridors
- Course files
- Event Brochures

The COs are disseminated to students as follows:

1. During the first-year orientation programme all the above are educated as separate sessions
2. Each course co-ordinator provides an insight to the COs and POs during first class at semester beginning and also during beginning of each module along with mode of assessment and its importance to enhance the learning curve. A softcopy of the Course file is sent through email to the students.
3. **Course File:** All the faculty members will prepare a course file for each semester that lists the POs, PSOs, and COs.
4. IA Question paper and assignment pattern ensure mapping of COs to all the questions and COs are mentioned in IA question paper.

The affiliating university specifies COs in the syllabus, which faculty may enhance to reflect cognitive, emotional, and psychomotor learning levels. The COs are integrated into internal assessments and assignments, ensuring that every aspect of the course contributes to the achievement of POs.

The IQAC ensures faculty alignment with AIT's goals by organizing regular OBE training, workshops, and meetings. Faculty stay informed through DAC and staff meetings, promoting a unified approach. At the start of each semester, students and faculty receive all essential academic information.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

In a university-affiliated college, CO attainment is measured through internal assessments by the institute and external exams by the university. This provides a direct measure of attainment. Internal assessments (IA) are conducted according to university guidelines during the semester.

CO-PO/PSO Assessment Tools: Faculty use both direct and indirect methods to assess POs, PSOs, and COs:

1. Direct Methods:

- Assessments include student performance in continuous tests, semester exams, and assignments, directly reflecting their knowledge and skills.
- COs are mapped to relevant POs/PSOs on a scale of 1 to 3. The attainment for each program outcome is calculated as the weighted average of CO attainments.
- PO/PSO attainment for a student batch is determined by dividing the total attainment by the number of courses mapped to that PO/PSO.

2. Indirect Methods:

- Feedback from stakeholders like graduates, final-year students, and employers is collected through surveys to assess student learning.
- Survey ratings, scaled from 1 to 3, are used to compute attainment. Regular attainment discussions are held within departments and by the IQAC

Course attainment levels are calculated using the below steps

Step-1: The course outcomes (CO) are defined and mapped to Program outcomes (PO) on a scale of 1 to 3. The highest correlation is 3.

Step-2: In internal assessments, each question's maximum marks are mapped to a cognitive level and its corresponding CO. The percentage of marks scored by each student per question is calculated based on these maximum marks. Additionally, the percentage of students meeting a set mark threshold for each CO is determined.

Step-3: The total marks scored by each student across all IAs are used to calculate CO attainment levels. The process is described below.

Condition for Assessment Marks

Attainment Level	CIE in %	SEE in %
3	70-100	60-100
2	60-69	50-59
1	40-59	35-49
0	00-39	00-34

Step-4: Repeat the above rubric to evaluate all COs.

Step-5: CO attainment level for that course is calculated as

Course Outcome attainment = $0.6 * \text{Internal Attainment (CIE)} + 0.3 * \text{External Attainment (SEE)} + 0.1 * \text{Course End Survey}$.

Step-6: Program outcomes are calculated by the attainment of COs. For a given course, all COs are mapped to certain POs, as described in STEP 1. The overall CO attainment value as computed in STEP 7 and the CO-PO mapping values given in STEP 1 is used to compute the attainment of POs.

PO-1 attainment = $(\text{CO-1 Mapped value to PO-1} / \text{sum of all CO's mapped to PO-1}) * \text{CO-1 attainment} + \dots +$

Step-7: PO attainment can be computed for a batch using the below formula.

PO attainment = $0.8 * \text{PO attainment through direct attainment} + 0.2 * \text{PO attainment through Indirect attainment}$.

Overall PO attainment is the ratio of sum of PO attainment of all course to total number of courses *3

Indirect attainment is measured using student exit surveys, employer surveys, and activities mapped to POs. Feedback is collected via questionnaires, and the average response for each PO is calculated. The same method applies to PSOs.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 95.14

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1090	1004	1182	1268	1275

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1142	1059	1243	1371	1301

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	View Document

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 117.1

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

2023-24	2022-23	2021-22	2020-21	2019-20
7.07	2.5	9.41	14.92	83.20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

AIT established interdisciplinary and multidisciplinary ecosystem for innovation and incubation to support students with proper guidance and all necessary facilities. AIT has made an environment for exploration and advancement by selecting and creating helpful human assets, stepping up for the creation and dispersal of information and laying out cutting-edge frameworks.

The institute is associated with the state and national level organizations to strengthen the ecosystem for innovation.

National Level

1. MHRD-Institutional Innovation Council (IIC)

- Organises Innovation Contest, Workshop on Entrepreneurship, design thinking, Inter/Intra Institutional Competitions, problem-solving and idea creation followed by technical talks.
- A few of the outstanding project ideas have been identified for commercial product development or submission to Research funding agencies for funding. The council also nurtures start-ups formed by faculty and students.

2. MSME Nodal Centre

- The institution hosts Micro, Small and Medium Enterprises – (MSMEs) nodal centre. It encourages development of cost-effective society-related projects and multiple state level HACKATHONS
- Every year, students' projects/ ideas are submitted to MSME for funding.
- Institute has conducted the MSME Women Hackathon resulting in the sanctioning of numerous projects.

State Level-KSCST-Acharya IP Cell

- Aim to enables patent searches and patent filing processes within institution.
- Recognized Patent Information Centre (PIC) of KSCST identifies patentable inventions. Also creates opportunities for product development and commercialization.
- IPR Workshops are arranged for faculty members/ students along with officers of IPR.

Institute Level

1. Innovation & Entrepreneurship Development Cell (IEDC)

- Conducts workshops to promote and raise awareness of start-ups and entrepreneurship. Entrepreneurship Awareness Camps (EAC) are organized at regular interval.

2. Centre of Excellence (COE)

- Candela Technologies, a leading US-based company specializing in wireless communication networking technologies, has established its first-ever wireless innovation laboratory. This state-of-the-art lab offers students an immersive experience, including comprehensive training, internships, and excellent placement opportunities. Faculty members also benefit from training, consultancy, and research collaboration opportunities.
- L&T - Electric Vehicle Lab: Supports Research and Development, training and education, knowledge sharing, innovation and incubation, community building. These activities help for excellence.

3. Acharya Technology Business Incubation (ATBI) Cell

- ATBI nurtures students entrepreneurial visions, supports tech based startups and foster strategic partnerships with emerging businesses.
- Annual inter-college project contests are held to foster innovation and collaboration amongst the students “Technotsava”.

Departmental Level

1. AIT Research Centres

The institute has 11 research center recognised by VTU, where PhD supervision and active research are conducted under recognized guides.

2. Skill Laboratories

- The institute hosts several skill laboratories including, ABB industrial Robotics Lab, Tantalizer - Flight simulation Lab, IBM innovation Lab, Texas Instruments lab, Cadence- VLSI Lab, CAD Lab/3D printing, C- DAC IoT Lab, Virtual Instrumentation Lab, Plant Tissue Lab, Material Science Lab, CNC Lab which help students and faculty members develop necessary skills.

AIT's innovation ecosystem has led to impressive achievements, including 51 patents, research grants exceeding 1.5 crore INR, more than 500 publications from students and faculty, and the incubation of over 11 startups. This thriving environment encourages creativity, research, and entrepreneurship.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 68

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
15	12	5	22	14

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.98

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
119	69	101	101	40

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.23

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
51	21	23	03	01

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

AIT organizes various extension activities to engage with the neighbourhood community and raise student awareness about community needs, social responsibility, and leadership qualities. A social service attitude essential for professionals seeking harmonious and holistic development. These extension programs are conducted under the National Service Scheme (NSS), Unnat Bharat Abhiyan (UBA), and Indian Red Cross Society-Youth Red Cross (IRCS-YRC).

National Service Scheme (NSS):

AIT has an NSS government-funded unit. The AIT-NSS unit has significantly enriched the lives of students and the local community through various events and programs, including:

- Donation of food and clothing during natural calamities.
- **Hasiru Prayana:** Tree plantation drive to create biodiversity forests.
- **Clean India: "Swachh Bharat Abhiyan"** - cleaning schools, villages, temples, police stations, railway stations, and other public places.
- **COVID Awareness:** Promoting healthy diet practices and safety measures during COVID-19.
- **Youth for Seva:** Exam screening for 10th-grade students during COVID-19.
- **Vidhya Sarathi:** Career guidance programs for 10th-grade students, basic computer application workshops for school children, and support for academic achievement.
- Women's safety and gender-equitable spaces among youth; building leadership qualities among women
- **Sakala Mitra:** Pulse polio immunization campaigns, teaching and beautification in government schools, etc.
- **Plastic-Free Week challenge.**
- Donating basic necessities to the needy.

- Awareness programs on **Basavana's Vachanagalu** for school children.
- **Social Connect and Responsibilities:** Heritage walks.
- Road safety awareness programs and bike rallies.
- **All-Girls Hackathon** for underprivileged government school and college girls.

NSS places a vital role in shaping youth of India by inculcating the values of service, empathy and nation-building.

Unnat Bharat Abhiyan (UBA):

UBA aims to enhance rural India by leveraging the institute's knowledge and resources. Under UBA, **five villages have been adopted: Vajarahalli, Tammenahalli, Kempapura, Lakkenahalli, and Avverahalli.** Various development projects are undertaken in these villages, including:

- Awareness programs on business loan options for women entrepreneurs
- **School Bell:** Creating awareness through paintings on school building walls
- **Sarva Shiksha Abhiyan:** Innovative teaching methods for government school children
- **YIPPEE Better World Program:** Deployment of dustbins in government schools
- **Outreach Programs:** Enhancing skills in the rural population (ABHA card generation, Aadhar Card and Pan Card updates, etc.)

Indian Red Cross Society-Youth Red Cross (IRCS-YRC):

The Red Cross Society, a global humanitarian organization, provides emergency assistance, disaster relief, and education. AIT's unit has conducted several activities, including:

- Blood donation camps
- Health, medical, and dental camps
- Awareness programs on blood cancer and stem cell donation drives

Impact of Outreach Activities:

Over the past five years, outreach activities and initiatives have significantly contributed to students' overall personality development through community service by fostering a spirit of voluntary work and community interaction. Developing leadership qualities and team-work spirit, promoting national integration and social cohesion. Both students and faculty have made substantial contributions in areas such as mass literacy, environmental preservation, watershed management, health education, disaster management, providing food for homeless, and promoting communal and social harmony.

No. of Extension Activity

YEAR	2023-24	2022-23	2021-22	2020-21	2019-20	Total
NUMBER	19	10	14	4	5	52

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

AIT has conducted numerous off-campus extension programs, earning awards and recognition from government and non-government organizations. These student-led initiatives, supported by staff, promote social responsibility, which AIT views as essential for professional success. Activities are organized through agencies like NSS, the Indian Red Cross, the Youth Red Cross, and department clubs.

The details of the awards and recognitions are as follows:

- Over 793 student's registered as blood stem cell donors in association with DKMS BMST foundation India. Appreciated and received awards as **Socially Responsible Institute** in the year 2023 and 2024.
- Recognized as **Best Environmentally Friendly Institute 2024** by UPKRITI (NGO), Bengaluru for our Commitment to Sustainability and Environmental Stewardship.
- Received **Letter of Gratitude** from Kasaghattapura Grama Panchaythi, Bengaluru for Skilling Rural Population about applying Ayushman Bharat Health Account (ABHA) Health ID and E-Pan creation.
- Received **Letter of Appreciation** from Gram Panchayath Office, Buudhagavi, Tumkur District, Kasaghattapura Grama Panchaythi, Bengaluru and Hesaraghatta Grama Panchaythi, Bengaluru for initiating Swachh Bharath Abhiyan program and creating awareness about environmental issues related to plastic.
- Acharya Institute of Technology was recognized as a "**Tech for Tomorrow**" by **TechDiva Foundation**, Chennai, on World Girl Child's Day 2024 for its commitment to empowering girls from low-income communities in technology.
- Recognized as **Best Institution for Community Service 2023** by UPKRITI (NGO), Bengaluru for Significant Contributions to Community Service.
- Received **Certificate of Appreciation** from BMST, Rotary Bengaluru, Lions Blood Centre, Bengaluru and Indira Gandhi Institute of Child Health, Bengaluru for donating 300 no of blood units.
- Received **Green Campus Award 2022** from Green ThinkerZ a registered society under societies registration act, India for remarkable Contribution in the Field of Environmental Sustainability.
- For environmental friendly practices in the campus Acharya Institute of Technology has been given **Green Campus Award** in the year **2022** by UPKRITI (NGO), Bengaluru.
- AIT received a **Letter of Appreciation** for its active participation in societal activities with UPKRITI (NGO), Bengaluru. Initiatives included government school beautification, pulse polio immunization, tree plantation, school teaching, and plastic awareness, all under the Sakala Mitra program launched by Honorable Minister B C Nagesh at Acharya Institute of Technology.

- Received a Certificate of Appreciation from Youth for Seva (NGO) and VTU, Government of Karnataka, for screening SSLC students for COVID-19 during exams.
- Received **National Community Service Award 2020** from Green ThinkerZ a registered society under societies registration act, India for Outstanding Community Service Activities.
- **Acharya Institute of Technology** was awarded with **AICTE National Level Clean & Smart Campus Awards-2019** for the best practices followed in the institution.
- Received **National Sustainability Award 2019** by International Institute of Organized Research (I2OR), India a registered MSME with Ministry of MSME, Government of India for Contribution in the field of Environmental Sustainability.

Outcomes of Awards and Recognition:

These awards and recognitions play a vital role in promoting and acknowledging the efforts of organizations working towards community betterment. Such recognition serves as motivation for the institute to continue its efforts and strive for excellence in community service.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 52

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
19	10	14	4	5

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 51

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

AIT, located in Bengaluru, the Silicon Valley of India, spans a 15.01-acre green campus with a built-up area of 76,523 sq. meters. It is well-laid-out and equipped with advanced facilities and resources designed to achieve academic excellence in line with its vision and mission. The campus has received AICTE awards for being a 'Clean and Smart Campus'. AIT library, renowned as one of India's top technology-enabled libraries, is a haven for bibliophiles and has been honoured with the 'EduTech Review Higher Education'. Award for innovative use of technology in higher education by TCS iON and the 'LibTech'.

The institution encompasses a variety of facilities, including:

- Instructional:** Classrooms, tutorial rooms, laboratories, computer labs, language labs, research laboratories, workshops, computer centres, seminar halls, conference halls, department library and central library with a reading room.
- Administrative:** Principal's office, board room, chambers for heads of departments, department office, faculty rooms, examination control office, IQAC cell, placement office, NSS room, sports director room, housekeeping office, maintenance office, staff pantry, reception area, counselling room, security room, and central store.
- Amenities:** Auditorium, boys' common room, girls' common room, first aid cum sick room, guest house, sports club, stationary store, toilets, UPS rooms, server rooms, and electrical rooms.

Classroom Facilities:

The institution has 87 classrooms each with a capacity 60 to 80 seats, well-ventilated, brightly lit, Wi-Fi enabled, and equipped with LCD projectors/Smart interactive panel access to latest educational technologies that enables better learning experience.

Computing Facilities/Laboratories:

The institution has 59 laboratories consisting of latest equipment's, networked computers and updated software's, with 1:3.88 computer-to-student ratio. Non-circuit departments have industry-relevant tools

and equipment as per VTU norms. Specialized skill labs, including ABB Robotics, Texas Instrumentation and Innovation Lab, and CDAC IoT Lab, are available for advanced and beyond-syllabus learning. Additionally, Candela Technologies, a USA-based wireless testing company, L&T-EV, and Siemens-PLM have facilities on campus to support training, projects, and internships for students.

An Enterprise Resource Planner (ERP) system is in place to manage academic, administrative, financial, and internal examination processes. AIT uses ICT multimedia technologies including interactive, multimedia, 3d animations, virtual reality techniques, in content development. The institute has also developed an in-house Learning Management System (LMS) named 'ALIVE'—Acharya Live.

Auditorium and Sports Facilities:

The auditorium is equipped with advanced audio-visual systems with a seating capacity of over 500. The institute has a stadium with floodlights and astro turf, accommodating over 10,000 spectators. Other facilities include a fitness centre, football court, kho-kho court, volleyball court, basketball court, horse riding arena, gymnasium, swimming pool, and indoor games. A yoga/meditation center are available for health and wellness sessions.

On-Campus Amenities:

The campus amenities, including ATM facility, post office, clinic, ambulance services, and canteens/cafeterias. The boys' and girls' hostels provide furnished rooms with single, double, and triple-sharing options, as well as food preferences and laundry facilities.

Gas fire extinguishers and water fire hose reels are installed on every floor, and laboratories are equipped with first-aid facilities. CCTV surveillance and campus security ensure safety, while parking and transport facilities are also provided.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 6.51

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
8.35425	291.92482	79.40584	276.55679	298.41858

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The Acharya Learning Resource Centre (LRC) offers an exceptional learning environment with 36,000 square feet across three floors. It houses over 1,50,000 e-resources and provides easy access to online events (seminars and webinars) globally. The facility is open beyond class hours and features ergonomically designed furniture, pleasant ambiance, and a cafeteria.

The LRC has advanced ICT facilities designed, developed to support, enhance teaching, learning, research, extension activities for better participation and learning. It offers a range of study spaces, research assistance tools, and instructional resources. These user-focused facilities ensure seamless access to learning resources and enable the evaluation of scholarly information for creating new knowledge. It serves over 5,000 students, including undergraduates, research scholars, staff members and provides Wi-Fi, internet access, electrical plug-in facilities in all reading areas and study carrels. The Virtual/digital Learning Resource Lab has 58 networked computers, offering internet access, digital resources, online access to major e-journals and e-books from VTU consortium and DELNET. All staff and students are enrolled in National Digital Library of India (NDLI).

Since 2018, the library has used KOHA 21.11, a cloud-based Integrated Library Management

Software(ILMS), for efficient library management. The library portal can be accessed at <http://lrc.acharyainstitutes.in> and provides useful links regarding scholarships, competitive exams and previous year question papers. The LRC holds a collection of over 85,000 books, subscription to about 120 print journals, and provides access to over 10,500 online full-text journals and several abstracting databases. The collection includes books, and back-volumes of periodicals under the VTU consortium and DELNET subscription. The institute's management has actively supported the growth of the collection through increased purchases, renewals, and subscriptions.

The Institutional Repository (IR), a digital repository of library publications, provides access to downloads of publications, reports, and non-traditional reading materials. The library is fully automated with KOHA, offering a user-friendly interface for locating learning resources to use. The library's Web-OPAC remotely access to its collection of textual resources.

The library has an automated self-check-in and check-out kiosk using RFID technology and receives an average footfall of 250 students and faculty members daily. The library is open from 8:00 am to 10:00 pm on regular days and extends to midnight during examinations. Safety is ensured with centrally protected fire alarms and CCTV cameras. The chief librarian holds a doctoral degree in library science, the staff members are qualified, experienced, and well-trained professionals to provide excellent service and support for academic and research information needs.

To ensure optimum usage of library, library staff organizes orientations, library tours, and events to raise awareness of the resources available. The library conducts workshops to effectively use the library's resources, including research databases, reference tools, and citation management software. Library supports plagiarism checks by utilizing software tools (Turnitin/ drillbit). The facility of plagiarism check for student and staff are offered at free.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

In response to the IT boom and the digitally driven education landscape, AIT has developed a robust IT infrastructure. The institute has state-of-the-art IT facilities for both students and faculty, including 1235

computers ,87 projectors and 42 smart interactive panel. Classrooms and laboratories are equipped with projectors, smartboard. software programs, printers, photocopiers, and hard disks for capturing, recording, and documenting photos and videos. The institute has a dedicated website (<https://alive.university/>) to meet academic requirements and serves as a repository for learning resources.

The campus networking operates with a firewall and star topology within a single network. It is established with a 1 Gbps speed through Fiber optics and CAT 6 structured cabling for data nodes. Network switches, including core, distribution, and access switches, as well as resilient server connections, are rack-mounted in the server room. Network protection is provided by a Sophos firewall, which includes gateway-level security and application filtering, and supports multiple ISP lease line connections. The central server room houses two highly configured servers. AIT maintains a Microsoft campus licensing agreement along with Office 365. There are Licensed system software and application software, education versions, and open-source software.

Internet and Wi-Fi Facility:

- The campus is Wi-Fi enabled with individual shared speeds of around 20 Mbps and overall high-speed connectivity via a 612 Mbps ISP line from Ibus Virtual Network Services Pvt. Ltd.
- LAN connectivity is provided through a dedicated 500 Mbps ISP line from RailTel Corporation of India Ltd.
- 269 Wi-Fi zones are installed across the campus, including in reading halls, hostels, department corridors, classrooms, discussion tables, the library, reading rooms, and laboratories.
- Staff and students can access the Wi-Fi on their laptops and smartphones by registering through the institute's login portal.

CCTV Cameras:

AIT campus is equipped with a comprehensive video surveillance system to protect assets and individuals. The footage is stored, monitored, and maintained by the centralized systems department. The campus has a total of 395 CCTV cameras.

Intercom Facility:

The campus is well-connected with a fully equipped telecom network featuring intercom facilities to facilitate communication throughout the campus.

Maintenance:

- Preventive Maintenance: Every semester end, the systems departments audits IT facility set up across the institutions. The System department ensures functioning of IT facilities by repairing and servicing of IT facilities.
- Breakdown Maintenance: Based on the request of users, maintenance department will inspect the issues timely and service/repair to resolve the issues.
- Extra Support: Also supports students' requests pertaining to IT services. Necessary procurements, repairs, and services are carried out, ensuring that the institute continuously updates all facilities based on current needs.

Website/e-services:

The dedicated technical, development, and social media team that captures and publishes activities from all departments and committees. The website provides prospective students with comprehensive admission information and is regularly updated with events and highlights. All students and staff are provided with an email address with college domain (acharya.ac.in) and storage on Google Drive. Additionally, staff members receive 1TB of cloud storage on Microsoft OneDrive for academic, administrative, and research purposes.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2**Student – Computer ratio (Data for the latest completed academic year)**

Response: 3.83

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 1163

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1**

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 29.91

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

2023-24	2022-23	2021-22	2020-21	2019-20
1180.65978	1023.03299	592.93232	602.15513	989.7876

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 67.44

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
3068	2918	2726	2830	2634

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	View Document
Upload policy document of the HEI for award of scholarship and freeships.	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 43.87

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
4144	1438	1445	1410	784

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 61.92

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
404	703	868	807	821

5.2.1.2 Number of outgoing students year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1090	1004	1182	1268	1275

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 7.49

5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)

2023-24	2022-23	2021-22	2020-21	2019-20
31	31	32	44	28

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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 last five years

Response: 101

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
31	27	18	0	25

File Description	Document
Upload supporting document	View Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 37.8

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2023-24	2022-23	2021-22	2020-21	2019-20
79	50	25	11	24

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response:

The Acharya Alumni Association Trust was registered in 2007 under the Government of Karnataka (Reference No.: Society Number BLU-S76-2007-08, CD NUMBERBLUS20), and international chapters in the USA (San Francisco and Chicago), Europe and Africa. All graduates are registered as alumni members.

The Objectives of the Alumni Association:

- **Networking:** Maintain a roster of all alumni and their updated pertinent data, foster a sustained sense of belonging among alumni through regular connect, reconnect and strengthen relationships with fellow graduates and the institution.
- **Community Building and Life-Long Learning:** A single platform for exchanging experiences, knowledge dissemination, and talent development, aiming to enhance skill development, personal growth and share scientific knowledge for societal benefit.
- **Collaboration & Reunion:** Strengthens industry-academic collaboration, including public relations, to support students with training, internships, mentorship, placements, entrepreneurship, and higher education.
- **Financial Contributions:** Promotes sense of belonging and pride the alumni voluntarily initiated financial contributions for student scholarships to conduct seminars, special seminars, international webinars, exclusive workshops, and other academic events for the exchange and promotion of knowledge among students, faculty, and the general public.

Activities and milestones:

- **The Alumni Knowledge Sharing Series:** Connects alumni with current students through sessions on recent trends in technology, pre-placement training, and domain-specific training.
- **Department Advisory Boards (DAB):** Alumni representation on the Department Advisory Boards (DAB) helps to achieve academic goals in aligning academic programs with industry trends and enhancing overall educational quality. Alumni bring valuable insights from their professional experiences, offering guidance on curriculum updates, placements, internships to ensure students gain relevant skills for the job market..
- The alumni website is linked to the institution's website and social media platforms at <https://alumni.acharya.ac.in/>.

The Alumni Association maintains a dedicated account for financial contributions, which are utilized in line with the trust's objectives. The alumni trust has received 12A and 80G recognition from the Income Tax Department.

Notable Alumni Activities and Contributions

1. Alumni Chapters

- **4 Chapters:** One local chapter in Bangalore, and three international chapters – one in Tanzania and two in the USA (Chicago and San Francisco).

2. Membership

- Every graduate automatically becomes a part of the alumni association.
- Over 18,000 members spread across 34 countries worldwide.

3. Annual Alumni Meet

- Hosted annually in Bangalore.
- Participation from all local and international chapters.
- Over 700 alumni attend the event each year.

4. Alumni Support for Internships and Placements

- Alumni play a significant role in facilitating internship and placement drives for students.

5. Knowledge Sharing Sessions

- More than 70 alumni-led sessions are conducted annually on topics such as domain expertise, career counseling, higher education, and entrepreneurship.

6. Alumni Mentorship

- Each alumnus mentors a batch of final-year students, guiding them on their projects.

7. Alumni Association Status

- The Alumni Association is a registered trust.
- Recognized with 80G status by the Income Tax Department, Government of India, offering tax exemption for donors.

8. Scholarship Contributions

- Alumni support meritorious students by providing scholarships.
- Contributions amounting to around ₹10 lakhs have been donated by alumni to the association.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

AIT's governance aligns with its vision, shown through NEP implementation, growth, decentralization, participatory governance, and strategic planning.

Motto

“Nurturing Aspirations, Supporting Growth”

Vision

Acharya Institute of Technology, committed to the cause of sustainable value-based Education in all disciplines, envisions itself as a global fountainhead of innovative human enterprise, with inspirational initiatives for Academic Excellence.

Mission

Acharya Institute of Technology strives to provide an excellent academic ambience to the students to achieve global standards of technical education, foster intellectual and personal development, meaningful research and ethical service to sustainable societal needs.

Quality Policy

We at AIT, promise to continually strive towards total quality in all our endeavors through Equity with Accessibility, Commitment with Honesty, Adaptability with Efficiency while blending Concern for Environment and Social Development.

Core Values

- Pursuit of Excellence
- Integrity and Transparency
- Leadership
- Team work

NATURE OF GOVERNANCE

The institution follows a decentralized, participatory e-governance system, with authority delegated from the Governing Council and Principal to staff at all levels. AIT's decision-making bodies, such as the Governing Council, Academic Council, IQAC, DAB, DAC, and committees, ensure timely decisions.

AIT practices transformational and strategic leadership, leveraging technology to enhance efficiency, transparency, and accountability in administration, operations, and services. This includes digital attendance, leave management, online fee payment, and a digital library.

PERSPECTIVE PLAN

The institution has developed a comprehensive perspective plan along with a short-term Quality Enhancement Handbook, outlining annual targets to achieve quality in academic and administrative processes, aligned with the fulfillment of its vision and mission.

The perspective plan and implementation

By 2025: Academic Excellence and Autonomy

- **Quality Assurance:** Accreditation for NBA and NAAC.
- **Academics:** Achieve 80% success rate and secure ranks.
- **Research & Development:** Ensure faculty publications in peer-reviewed journals.
- **Student Development:** Promote holistic education through co-curricular and extracurricular activities.
- **Faculty Development:** Implement pre-service/in-service programs, welfare schemes, and incentives.
- **Innovation & Entrepreneurship:** Enhance IIC activities, and foster startup culture via hackathons and ideation events and funding through MSME.
- **Outreach:** Encourage community engagement and social outreach participation.

Timeline	Objectives	Quality Assurance	Research	Academic	Collaborations	Innovation
2026-2030	Level 3 Accreditation	NBA and NAAC accreditation; top 150 in NIRF	60 patents per year; INR 3 Cr in funding annually	90% graduation rate; curriculum aligned with top 50 global institutions	Increase research partnerships	Nurture innovation; promote startups
2031-2035	Level 4	NBA and	70 patents per	100%	National	Establish

	Accreditation	NAAC accreditation; top 140 in NIRF	year; INR 4Cr in funding annually; consultancy services	graduation rate; more internships at global companies	center for innovation startup incubation	innovation centers for startups
2036- 2040	Globally recognized research-driven university	NBA and NAAC accreditation; top 100 in NIRF	INR5 Cr in funding annually; expand consultancy with MNCs and government	Research-driven curriculum; top 300 global rankings	Global consortia with universities and industries	World-class research labs; attract international faculty

The institution has shown sustainable growth in the Academic, Research, Innovation and Outreach activities.

Descriptions	2023-24	2022-23	2021-22	2020-21	2019-20	Total
Academic: University Ranks	Gold-00 Ranks-8	Gold-04 Ranks-16	Gold-01 Ranks-12	Gold-04 Ranks-16	Gold-02 Ranks-16	Gold -11 Ranks- 68
Research: Paper Publications	119	69	101	101	39	429
Book chapter/ Conference publication	51	20	23	03	01	98
Innovation: Patent	24	8	13	05	01	51
Outreach activities	19	10	14	04	05	52

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is

effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The institutional perspective plan for 2020-25 was developed by the Internal Quality Assurance Cell (IQAC) and the Deans, in consultation with the Academic Council. This plan is aligned with the institute's Motto, Vision, Mission, and the benchmarks set by accreditation bodies. To ensure its effective implementation, AIT has developed an organizational structure (organogram) to streamline the responsibilities and functioning of various institutional bodies.

Key Institutional Bodies and Their Roles:

Governing Council: Comprising academic and administrative members, the Governing Council oversees the institution's operations and decision-making. It formulates policies, rules, and regulations to ensure the institution's smooth functioning, quality, and safety.

Principal: The Principal provides leadership for academic administration, fosters a conducive learning environment, and ensures the achievement of institutional strategic goals.

Academic Council: Made up of all Heads of Departments (HODs), this council makes key decisions on academic administration, curriculum, and policy implementation.

Internal Quality Assurance Cell (IQAC): Constituted as per regulatory norms, IQAC monitors quality and ensures the effective deployment of policies across academic, administrative, co-curricular, extra-curricular, and research activities. Nearly 30 policies, covering areas such as academic affairs, grievance redressal, health and safety, human resources, research, and student/staff welfare, have been prepared by the IQAC. These policies are management-approved and reviewed every three years.

Committees/Cells: Committees and cells at institutional and departmental levels plan and execute operational procedures, committees having operational autonomy.

Heads of Department (HODs): Each Head of Department (HOD) oversees academic and non-academic activities within their department, delegating tasks to faculty members and ensuring significant autonomy in decision-making.

Departmental Advisory Board (DAB): The DAB, consisting of industry and academic experts, provides strategic guidance to improve curriculum, research, and education quality..

Departmental Academic Committee (DAC): Senior faculty members provide input on both academic and non-academic matters through this committee.

Deans and Coordinators: These roles are clearly defined, with responsibilities aligned with a Quality Enhancement Handbook, which outlines guidelines and annual targets.

Human Resources (HR): HR policies cover recruitment, leave rules, career advancement, faculty development, and staff welfare.

Recruitment Procedure: Recruitment is governed by a staff selection committee, which includes a VTU nominee, the institution head, program heads, and subject experts. Recruitment occurs twice a year in alignment with the Teachers Appointments and Approval System (TAAS).

Perspective Plan: Key steps taken include:

- 1.Regular review of plans to maintain alignment with the institution's goals.
- 2.Assigning clear responsibilities to team members.
- 3.Setting realistic deadlines for plan implementation.
- 4.Addressing challenges and making adjustments as necessary.
- 5.Sharing updates and involving stakeholders at appropriate stages.
- 6.Analyzing results to assess the plan's effectiveness.
- 7.Promoting continuous improvement by encouraging feedback and adapting based on stakeholder input.
- 8.Ensuring efficient allocation and utilization of all resources.

AIT's perspective plan and organizational structure foster a vibrant academic environment through effective governance led by the Governing Council and the Principal. Collaboration between the Academic Council, IQAC, and other committees ensures alignment with the institution's vision and mission. Well-defined policies, recruitment strategies, and ongoing quality improvements drive growth and academic innovation.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

- 1.Administration**
- 2.Finance and Accounts**
- 3.Student Admission and Support**
- 4.Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

AIT's performance appraisal system promotes growth and career development for teaching and non-teaching staff, while supporting their well-being through welfare measures.

Performance Appraisal System

Faculty Appraisal:

AIT's faculty performance appraisal process is structured around the **Faculty Assessment Report Monthly (FARM)** system, which requires faculty members to submit monthly reports detailing their academic and professional activities. The FARM parameters align with the Performance-Based Appraisal System (PBAS) as recommended by the Governing Council. The monthly performance of faculty is evaluated and categorized into four key components:

Monthly FARM Components:

- **Teaching, Learning, and Evaluation Activities:** 50 points
- **Co-curricular and Professional Activities:** 20 points
- **Research, Grants, and Publications:** 20 points
- **Administrative Service, Community Service, and Student Mentoring:** 10 points

Each month, the Head of the Department reviews the submitted reports, awards points for each component, and provides feedback for improvement.

Yearly PBAS Components:

- **Average FARM Annual Score:** 50 points
- **Student Feedback for Each Faculty Member:** 20 points
- **IQAC Assessment of the Teaching and Learning Process (TLP):** 10 points (including an Academic/Administrative audit)
- **Appraisal by the HOD:** 10 points (based on teaching, mentoring, and departmental contributions)
- **Appraisal by the Principal:** 10 points (based on faculty involvement in academics, research, and administration.)

These yearly assessments are used to determine increments, promotions, and overall performance ratings.

Non-Teaching Staff Appraisal:

The department's supporting staff are assessed by the Reporting Officer/HOD. Assessments are based on productivity, job knowledge, planning and organizing, attitude, responsibility, and relationships with others, with recommendations forwarded to Principal once a year.

Welfare Measures for Teaching and Non-Teaching Staff

These measures include:

1. **Leave Benefits: other than Casual, Earned, vacation, On-duty and special leave**
 - One-hour permission per month
 - 10 minutes grace time for daily inward reporting
 - Marriage Leave: 10 days
 - Maternity Leave: 6 months with pay
 - Paternity Leave: 5 days from the date of confinement
 - Research Leave: 12 days per year
2. **Accidental Group Insurance Scheme**
3. **Marriage Gifts** for employees and **wedding gifts** for employees' children
4. **Periodic Health Checkups:**
 - Eye, Heart, Blood, Sugar, Cancer Detection, Dental, Bone Density, and Physiotherapy sessions
5. **Group Health Insurance**
6. **Infirmity center**
7. **Gratuity Facilities**
8. **Free Transportation**
9. **Financial Assistance:** For faculty development programs, workshops, seminars, and conferences
10. **Research Incentives:**
 - Grants, Publications, Patents, Copyrights, and Consultancy
11. **Academic Incentives:**
 - For results, student ranks, and distinctions
12. **50% Concession at Canteens and Cafeteria**
13. **Free Accommodation:** For staff in need

14. **Interest-Free Loans:** For medical emergencies

15. **Fee Concessions for Staff Children:** At AIT and sister institutions

AIT has well-defined **avenues for career development and progression** for its teaching and non-teaching staff. These opportunities include:

1. **Horizontal Progression:** Moving across functions to gain new skills and experiences.
2. **Vertical Progression:** Advancing in one's career through skilling and reskilling in specific areas.
3. **Mentorship Programs:** Pairing with experienced professionals for guidance and career support.
4. **Training and Development:** Participating in workshops, self-directed learning, and MOOC certifications.
5. **Education and Certification Support:** Pursuing advanced degrees or certifications with institutional support.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 28.52

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

2023-24	2022-23	2021-22	2020-21	2019-20
214	64	18	5	39

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 61.08

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
331	237	172	147	166

6.3.3.2 Number of non-teaching staff year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
122	100	100	89	121

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Acharya Institute of Technology has a systematic and well-defined financial setup that ensures the effective and utilization of grants and funds for academic, administrative, research, and other developmental activities, supporting the Institution's vision and mission. The financial management system is transparent and meticulously planned, with primary funding sources being tuition fees, research grants, and consultancy work. The Governing Council (GC) oversees and ensures the optimal use of these funds. Strategy to mobilise funds: The balance revenue generated is reserved for growth fund. The growth fund generated in last five years will be reserved for the next perspective plan.

Key Aspects of Financial Management:

- **Efficient Budgeting:** Each year, departments prepare a budget that includes projected revenue, general expenditure, and capital expenditure, which is submitted to the principal. The principal reviews all departmental budgets, adds institutional-level expenditures, and submits a comprehensive budget to the GC.
- **Prioritization:** Essential expenses are identified, and funds are allotted effectively.
- **Cost Optimization:** The purchase committee obtains at least three quotations and prepares comparative statements. The lowest bid meeting quality standards (L1) is chosen, followed by final negotiations.
- **Optimal Resource Allocation:** The GC ensures resources are allocated based on need, including:
 - Infrastructure and maintenance needs.
 - Incentives for faculty and staff.
 - Staff and student welfare measures, academic activities (seminars, conferences, workshops, etc.).
 - Extension and outreach activities.

- Sports, games, cultural activities, and campus development (hygiene and eco-friendly measures).
- Maintenance of sewage water treatment plants, rainwater harvesting, and solar energy.
- **Research Grants:** Faculty and students secure funds through various research grants from agencies such as the Department of Science and Technology (DST), Science and Engineering Research Board (SERB), Vision Group on Science and Technology (VGST), BIRAC (E-YUVA Scheme), VTU, AICTE, Karnataka State Council for Science and Technology (KSCST), etc. These funds are used for procuring chemicals and lab equipment, upgrading lab facilities, publishing research papers, and conducting seminars, workshops, and faculty development programs pertaining to research/FDP grants.

The finance department monitors fiscal operations, conducting regular reviews each financial year to ensure proper and optimal use of funds. The internal and external financial audit process, managed by a chartered accountant, includes:

- Communicating interim action dates for the statutory audit.
- Preparing accounting books for audit purposes.
- Generating the audit report.

File Description	Document
Upload Additional information	View Document
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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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

AIT is committed to provide quality education grounded in strong values. Following NAAC guidelines, the Internal Quality Assurance Cell (IQAC) was established in 2016 to promote continuous improvement and excellence. The IQAC meets quarterly to plan and evaluate teaching, research, and innovation, while also preparing annual quality enhancement handbooks and submitting AQAR to NAAC.

To achieve its quality goals, AIT has updated its Strategic/Perceptive plan 2020-25, which outlines the implementation and evaluation of its Vision, Mission, and stakeholder expectations. The quality

assurance strategies include curriculum review, enhancement of the teaching-learning process, faculty development programs with a focus on the latest technologies, promotion of ethical, moral, and lifelong learning objectives, gathering student feedback, offering comprehensive student support services, fostering research and development, maintaining infrastructure and resources, ensuring continuous improvement, and conducting student satisfaction surveys and finally accreditation.

The IQAC also emphasizes professional skills, emotional intelligence, and overall well-being through faculty development programs.

Several good practices are instituted to enhance:

1. **Outcome-Based Education (OBE) and Pedagogy:** faculty given full freedom to design their own pedagogy and curricular approaches within approved framework.
2. **ICT Materials Provisioning:** Faculty-developed videos, digital notes, question papers, and solutions are provided.
3. **Effective Feedback System from stakeholders:** Used to refine the teaching-learning-assessment system.
4. **Quality Audit:** Audits academic and administrative aspects of departments, providing performance metrics and improvement directions.
5. **Participation in Quality Audits:** Involvement in NIRF, ARIIA, NBA, AISHE, and other state, national, and international quality audits.
6. **Quality Enhancement Programmes:** The IQAC organizes programs on NEP, OBE, NBA, NIRF, and NAAC frameworks with internal and external experts.
7. **Mentor-Mentee System:** Provides support to students to address learning challenges.
8. **Industry-Institute Collaborations:** Introduce cutting-edge technologies to students.
9. **Placement and Training:** Commences from first semester to build students' overall personality.
10. **Skill Development Programs:** 21st century skill programs to enhance ability and value-added programs to increase employability.
11. **Co/Extra-Curricular Activities:** Support for learning international languages/competitive examination and other activities.
12. **Green , Environmental and Energy Audits:** Coordinated to assess and enhance the institute's environment performance

Outcomes

- AIT has earned 11 gold medals and 68 ranks over the past five years, highlighting the effectiveness of its TLP practices.
- The feedback system has contributed to improving student satisfaction by implementing actions at various levels.
- The introduction of value-added courses and training programs has enhanced employability skills.
- Regular audits have ensured that processes are maintained with up-to-date records.
- Six undergraduate programs have received NBA accreditation.
- The number of programs and student intake has expanded, with an increase in enrollment percentage.
- An "Employee of the Month" award has been introduced for faculty members.
- Faculty incentive programs have been rolled out to reward research, intellectual property, and

academic achievements.

- Achieved "Performer" status in the ARIIA Rankings 2021.
- Ranked in the 151-300 band in the NIRF innovation category 2023.
- Recognized in the GOLD Band of the India Academia Ranking 2024.
- Rated AAA+ by Career 360 as one of the top engineering institutes in 2024.
- Received good number of awards and recognition for extension activities and green campus initiatives.

File Description	Document
Upload Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
- 2.Academic and Administrative Audit (AAA) and follow-up action taken**
- 3.Collaborative quality initiatives with other institution(s)**
- 4.Participation in NIRF and other recognized rankings**
- 5.Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
NIRF report, AAA report and details on follow up actions	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

- AIT is committed to promoting gender equity, ensuring that all genders receive equal benefits, rights, opportunities, responsibilities across technical, social, cultural, and economic spheres.
- The safety and security of women is a top priority. The institute provides a comprehensive range of security amenities through a dedicated team of security personnel and is equipped with CCTV.
- AIT has implemented a zero-tolerance policy against sexual harassment, in line with statutory requirements. This policy is strictly enforced to maintain a safe and respectful environment on campus.
- Significant strides have been made in promoting gender equality and ensuring the safety and well-being of women through annual programs organized by the institute.
- Students are educated about sexual harassment and the consequences of violating institutional rules through signboards displayed across the campus.
- Regular mentorship programs and problem-solving counseling sessions are conducted throughout the campus.
- The institute provides various facilities and opportunities to express grievance through committees such as the Anti-Ragging Committee, Student Grievance Redressal Committee, Women's Cell, Internal Complaints Committee (ICC), and Disciplinary Committee. The committees ensure to monitor safety and security on campus. A ragging-free environment has been established, ensuring that everyone is treated with dignity and fairness.
- The Women's Cell, named "Sakhi," plays a crucial role in raising awareness about gender equality by organizing various events, including talks and outreach activities.
- The institute has collaborated with the Durga India NGO to raise awareness of gender justice in public spaces among women, faculty, and students.
- These measures have successfully created an inclusive and empowering environment that upholds the core values of integrity, respect, and excellence

Number of Male and Female Students

	2023-24	2022-23	2021-22	2020-21	2019-20	Total
Male	3096	2856	2927	3191	3250	15320
Female	1362	1153	1011	1080	1095	5701
Total	4458	4009	3938	4271	4345	21021

Number of Male and Female Teaching Staff

	2023-24	2022-23	2021-22	2020-21	2019-20	Total
Male	143	133	135	137	158	706

Female	106	95	103	90	92	486
Total	249	228	238	227	250	1192

Number of Male and Female Non-Teaching Staff

	2023-24	2022-23	2021-22	2020-21	2019-20	Total
Male	65	53	52	50	65	285
Female	57	47	48	39	56	247
Total	122	100	100	89	121	532

Number of Male and Female Leaders in Administration

	2023-24	2022-23	2021-22	2020-21	2019-20	Total
Male	19	18	16	18	17	88
Female	8	7	7	6	4	32
Total	27	25	23	24	21	120

Gender Equity Programs conducted in the Last Five Years

	2023-24	2022-23	2021-22	2020-21	2019-20	Total
No. of events	13	11	9	9	7	49

Programs and activities supporting women's empowerment:

- **Health:** Awareness programs on gynaecology and mental stress management are offered for female students. AIT's campus infirmary provides nursing care, first aid, and emergency services.
- **Safety and Security:**
 - Each block has separate common rooms for women, along with washrooms featuring sanitary napkin vending machines and incinerators.
 - Girl hostels and the campus are secured by personnel, CCTV surveillance, wardens, and include in-house stores and food counters.
 - Helpline numbers are prominently displayed in all blocks, hostels, and key locations, ensuring quick access to important assistance when needed.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2**The Institution has facilities and initiatives for**

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**

5.Disabled-friendly, barrier free environment**Response:** A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Circulars and report of activities for the implementation of the initiatives document	View Document
Bills for the purchase of equipment's for the facilities created under this metric	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

- AIT values cultural diversity and tolerance as essential for social harmony, with a diverse student body and staff from various regions, supported by a centralized admission process that promotes inclusivity across backgrounds and languages.
- The cosmopolitan environment encourages unique perspectives based on cultural identities, while a tolerant recruitment policy fosters a multifaceted cultural identity among employees, recognizing and respecting diversity in all dimensions. AIT conducts an Induction Program to integrate all students without discrimination. Annual celebrations include Fresher's Day and Farewell Day, along with regular festivals that celebrate the diverse cultural backgrounds of the student body. Various clubs, such as the Cultural Club, Music Club, Dance Club, and Drama Club, encourage students to showcase and celebrate their cultural heritage.
- The institution also organizes workshops, seminars, and lectures on constitutional values, rights, duties, and responsibilities of citizens. Experts and activists are invited to speak on various aspects of the Indian Constitution and citizen responsibilities. Electoral literacy programs educate students on the importance of voting and democratic participation. Upon program completion, Graduation Day is organized to reflect the profession and foster unity. Sports meets are held regularly. Ethnic Day is a highly anticipated event where students display the ethnicity of their local region, as well as national and international cultural diversity, by wearing traditional dresses representing different states of India and other countries.
- In order to give an opportunity to students and faculty to showcase their talents (literature/music/philosophy/arts/theatre), AIT encourages them to participate in various inter college fests hosted by other institutes and universities such as VTU fest, to enhance social connectivity and imbibe a sense of competition amongst them.
- AIT aims to provide a holistic education that extends beyond academics by integrating celebrations into the college calendar. This approach nurtures well-rounded individuals who appreciate their cultural heritage and possess strong ethical and moral foundations. Additionally, the institution organizes various events to celebrate the diversity of its student body, such as the International Women's Day, International Yoga Day, Teachers' Day, Engineers Day, International Worker's Day, International Labor Day, World Heritage Day, Suggi, Onam, International Music Day, Mathrubhasha Diwas, and more.

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

- While working towards academic excellence, the institute strives to develop students as responsible citizens of this country. Our Institution organizes various activities for the sensitization of the students and employees to inculcate values, rights, duties and responsibilities of citizens.
- National Constitution Day, Independence Day, Republic Day, Karnataka Rajyotsava Day is celebrated every year with great vigor to constantly remind the faculty and the students with respect to the sacrifices made by our freedom fighters and recollect their contributions.
- The institute has established Electoral Literacy club and organize national voter day and

awareness campaign on electoral literacy.

- Also, under NSS, Institution has organized various initiatives to create awareness in the community towards Swatch Bharat Abhiyan, Sanitation and Hygiene, spending a day in orphanage, spending time in old age homes, plastic free week & plantation drive etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

7.2.1

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

Response:

Title of the Practice: Strengthening Outcome-Based Education (OBE) through Advanced ICT Integration in Teaching-Learning Processes at Acharya Institute of Technology

Objectives of the Practice: At Acharya Institute of Technology (AIT), we aim to enhance student learning outcomes by aligning teaching methodologies with measurable outcomes using ICT tools. Our primary objectives are:

1. **Enhancing Learning Outcomes:** Align teaching strategies with clearly defined outcomes through ICT integration.
2. **Fostering Engagement:** Utilize interactive platforms to encourage active student participation.
3. **Equipping Stakeholders:** Provide faculty and students with ICT skills necessary for effective integration into the Teaching-Learning Process (TLP).

The Context: AIT is dedicated to Outcome-Based Education (OBE), with six of its nine eligible undergraduate programs NBA-accredited. OBE focuses on the specific skills and knowledge students must demonstrate upon graduation. To support this, the institute employs student-centric methodologies like project-based learning, flipped classrooms, and case studies, leading to measurable outcomes. The integration of ICT, particularly through the in-house Learning Management System (LMS) ALIVE, enhances content delivery, tracks progress, and aligns with OBE goals, creating a tech-driven ecosystem for personalized learning.

The Practice: Implementing OBE with effective ICT integration involves a systematic approach to ensure technology supports educational outcomes:

1. **Establish Learning Outcomes:**
 - Define specific, measurable learning outcomes for courses, using ICT tools to enhance

learning.

- Utilize online simulators, e-content, and interactive whiteboards to support these outcomes.
- Organize course content and assessments using the ALIVE LMS to ensure accessibility.

2. Develop ICT-Enhanced Instructional Strategies:

- Follow a defined policy for e-content development.
- Create instructional strategies that leverage ICT to support learning outcomes.
- Incorporate multimedia presentations and interactive content for deeper understanding.
- Facilitate faculty training in video lecture preparation and digital resources.

3. Facilitate Collaborative and Interactive Learning:

- Promote collaborative learning using platforms like Google Workspace and Microsoft Teams.
- Integrate discussion forums and video conferencing to enhance communication.

4. Professional Development for Faculty:

- Provide regular workshops on ICT tools and OBE practices.
- Offer online courses for data analytics and effective LMS usage.

5. Ensure Inclusivity and Accessibility:

- Guarantee that all students have access to the necessary technology and resources.
- Provide internet access and orientation on the ALIVE LMS at the program's commencement.

6. Evaluate and Refine Implementation:

- Conduct regular reviews of student performance and feedback to refine strategies and tools.

Evidence of Success: The integration of ICT at AIT has significantly improved learning outcomes and engagement. The NBA accreditation of six programs highlights the effectiveness of OBE practices. Key statistics from the ALIVE LMS indicate:

- Over 1,800 study materials and 10,000 files available.
- 465+ assignments created with over 1,000 submissions.
- 600+ online exams conducted with participation from over 30,000 students.

Problems Encountered and Resources Required: Challenges include unequal access to technology, resistance to ICT integration, and a need for upgraded infrastructure. Required resources include high-speed internet, updated hardware, continuous training programs, and budget allocation for software and hardware enhancements.

Through this initiative, AIT is committed to creating a more effective and inclusive learning environment that prepares students for the challenges of the modern workforce.

Title of the Practice: Acharya Assessment and Training: A Comprehensive Pathway to Student Employability and Career Development

Objectives of the Practice: At Acharya Institute of Technology (AIT), we focus on equipping our students with the essential skills, knowledge, and confidence required for successful careers. Our key objectives include:

- 1. Facilitating Career Development:** We guide students in identifying their career interests and

strengths while helping them recognize areas for improvement.

2. **Enhancing Employability Skills:** We equip students with crucial skills such as communication, problem-solving, teamwork, and adaptability necessary for today's competitive job market.
3. **Providing Industry-Aligned Training:** Our training programs are designed to meet industry standards, ensuring students are job-ready upon graduation.
4. **Assessing and Improving Student Competence:** We regularly assess students through various evaluation methods to track progress and identify areas needing development.

The Context: In the ever-evolving engineering landscape, students encounter challenges when transitioning from academia to professional careers or higher studies. The Acharya Assessment and Training program is designed to tackle these challenges with a structured approach that enhances employability, supports higher education, fosters entrepreneurial skills, and promotes overall career development. Engineering graduates must acquire practical skills and insights to thrive, making holistic skill development essential for various career paths, whether in employment, further education, or entrepreneurship.

The Practice:

1. **Employability Training:** AIT offers a comprehensive training model starting from the first semester. We conduct pre-assessments online through partners like AMCAT and Cocubes, categorizing students into three skill bands (Green, Yellow, Red) based on performance. Customized training addresses individual needs with modules covering analytical reasoning, quantitative aptitude, and coding. Our "Super 100" program supports high-potential students targeting higher salary packages. The training model consists of three phases:
 - **Pre-Assessment Phase:** Identifies skill levels and learning needs.
 - **Training Phase:** Provides a tailored curriculum, updated biannually, focusing on communication and soft skills.
 - **Post-Assessment Phase:** Evaluates the effectiveness of the training and tracks student progress, ensuring readiness for career challenges.
2. **Support for Higher Studies:** AIT recognizes the significance of higher education in today's global environment. We offer structured coaching for competitive exams like GATE, GRE, and TOEFL, facilitating student exchanges with foreign universities. Our Acharya IAS Academy provides coaching for civil service aspirants, and we guide students through application processes, including SOPs and LORs.
3. **Entrepreneurship Development:** Our institute fosters entrepreneurship through the Acharya Technology Business Incubation center, MSME nodal center, and Entrepreneurship Development Cell (EDC). The AIT-EDC cultivates innovation, encouraging students to explore unconventional paths and empowering them to launch ventures. We conduct ideation workshops and hackathons, teaching students to identify market opportunities and develop innovative solutions, with potential projects curated for patent applications.

Evidence of Success: The success of the program is evident in an 85% improvement in post-assessment scores, increased placement rates, and positive student feedback. The percentage of students pursuing higher studies has risen to 7.5%, with 51 patents filed over the past five years and 10 successful startups incubated. Our students have also achieved notable successes, including wins at the Smart India Hackathon 2023.

Challenges and Resources Required: Challenges include resource allocation for training materials and

qualified trainers, maintaining student engagement, and continuously updating content to meet industry demands. Required resources include robust online assessment platforms, industry-expert trainers, and validated assessment tools.

Acharya Assessment and Training serves as a transformative initiative, equipping engineering students with the skills and mindset needed to thrive in a competitive global landscape.

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Acharya Institute of Technology: Pioneering Holistic Student Development

One area distinctively prioritized by Acharya Institute of Technology (AIT) is its focus on **holistic student development**. This approach goes beyond academic learning, aiming to nurture students' personal, professional, and ethical growth. By prioritizing sports, cultural activities, social responsibility programs, and a diverse range of extracurricular opportunities, AIT ensures that students are well-rounded and equipped to tackle real-world challenges. The institute has dedicated physical education and Cultural department, NSS wing headed by institution level coordinator and department level coordinator. To ensure this every student is enrolled under sports/cultural/NSS right from first year.

1. Sports @ Acharya: AIT is a leader in promoting sports, focusing on physical and mental fitness, teamwork, leadership, and resilience. Its sports programs foster a balance between wellness and academics. The institute features a stadium with floodlights and AstroTurf for 10,000 spectators, along with a fitness center, courts for football, kho-kho, volleyball, and basketball, a horse riding arena, gym, swimming pool, and indoor games. A yoga and meditation center supports wellness. Trainers prepare students for state and national competitions. In the last five years, AIT has hosted 79 events and won 12 state and 45 university championships.

This year, AIT's students excelled in various sports, securing the first position in sports at university level amongst 207 affiliated institutions under VTU with 449 points and receiving a cash prize award of ₹1 lakh in 2024. AIT baseball team received 15 lakhs cash prize award at Major league baseball 2024.

These accomplishments highlight the institution's dedication to fostering a robust sports culture, which

not only enhances physical fitness but also instills discipline, teamwork, and leadership skills. Over 500 students have represented the institute at VTU, state, and national levels every year.

2. UTKARSH-Cultural @ Acharya: AIT's dynamic cultural scene is a testament to its holistic approach to education. The institution fosters students' artistic talents through a variety of cultural clubs, including theater, music, dance, literature, and fine arts. Cultural activities are well-supported with dedicated facilities such as practice areas, an amphi theater, auditoriums, and specialized trainers for different art forms. Regular workshops, led by experts from Rangayana (Autonomous cultural institute operated by GOK)-trained instructors, choreographers, help students refine their skills and identify students to represent the institution at various events. The cultural team, "UTKARSH," plays a key role in organizing and promoting these activities. The annual Acharya Habba event is planned and executed by student community.

AIT's cultural team achieved significant recognition:

- Best Play award at the SSMRV Intercollegiate Theatre Festival.
- Medals in solo instrumental performances and one-act play at the VTU cultural competition.
- Championship at the prestigious Rangasourabha festival 2024, organized by the Government of Karnataka.
- Best Theatre award Bangalore cultural feast

These achievements reflect the institution's commitment to nurturing creativity and cultural awareness, providing students with a balanced and enriching educational experience.

3. Community Engagement and Values:

AIT's dedication to community service is evident through its extension and outreach programs. This is carried out through NSS Unit of AIT, collaboration with NGOs and adoption of villages under govt. schemes.

Key extension initiatives include:

- **UNNAT BHARAT ABHIYAN:** Adoption of villages under this scheme has allowed AIT to contribute to rural development, promoting sustainable practices and improving the quality of life in these communities.
- **All Girls Hackathon:** A platform that encourages female students to engage in technology and innovation, fostering gender equality and empowerment.
- **Swachh Bharat Abhiyan:** AIT's participation in this nationwide cleanliness drive underscores its commitment to environmental sustainability and public health.
- **Awareness Campaigns:** Various awareness programs are organized to educate students and the community on important social issues, from health and hygiene to environmental conservation.

Values-Based Education:

Universal Human Values and Professional Ethics: AIT offers courses in these areas to instill moral and ethical principles in students, preparing them for responsible decision-making in their professional and personal lives.

Cultural and Ethical Awareness: The institution nurtures students' cultural understanding and ethical development through workshops, seminars, and participation in events that promote diversity, tolerance, and human values.

Every student actively participates in Extension and Outreach activities, which enhance essential life skills such as teamwork, communication, leadership, and time management. They are required to complete a minimum of 80-90 hours of extracurricular involvement. As a result of these initiatives, the institute has received 29 awards and letters of appreciation during last five years, reflecting its positive impact.

4. Innovation, Entrepreneurship, and Networking:

AIT fosters student engagement in innovation, entrepreneurship, and networking through key initiatives.

Innovation: AIT's Innovation Labs, developed with industry leaders like Siemens, IBM, and ABB, offer platforms for students to explore new technologies and work on advanced projects. Hackathons, coding contests, and research collaborations further enhance student innovation.

Entrepreneurship: The ATBI Cell and IEDC support startups with resources and workshops, while the MSME Nodal Centre promotes cost-effective projects and organizes hackathons. The IPR Cell aids in patent filings.

Networking: Strong industry connections provide opportunities for internships, guest lectures, and professional society memberships (IEEE, CSI), enhancing student networks.

AIT's achievements include a INR 15 lakh MSME grant and wins in national and international competitions, showcasing its leadership in innovation and entrepreneurship.

5. Clubs: A Path to Holistic Growth

At AIT, student development is enriched through active participation in various clubs and department forums, which offer platforms to explore diverse interests. These clubs play a vital role in campus life, engaging students in meaningful activities.

Notable clubs include:

Nature Watch: Focuses on environmental conservation with initiatives like tree planting, seed bombing, vermicomposting, and rainwater harvesting.

iCare: Dedicated to corporate social responsibility, iCare works on projects that uplift villages, visit old age homes and orphanages, and organize outreach programs.

Yukthi, Zinios, Journal Club, Tech Minds, Lit Gen, and Ruffles: These clubs provide opportunities for students to explore interests in literature, technology, media, and the arts, fostering both personal and professional growth.

Model United Nations (MUN) Club: Promotes global awareness, diplomacy, and critical thinking through simulated UN conferences, helping students enhance their negotiation, public speaking, and

research skills.

Conclusion: AIT's emphasis on academic excellence, sports, culture, research, and community engagement creates well-rounded graduates. By fostering responsible, innovative, and socially-conscious professionals, AIT makes a lasting impact locally and globally.

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

5. CONCLUSION

Additional Information :

NA

Concluding Remarks :

Acharya Institute of Technology (AIT), affiliated with Visvesvaraya Technological University (VTU) and approved by AICTE, delivers a well-rounded curriculum that balances technical and professional education with essential humanities, ethical values, and community engagement. Through its core and elective offerings, AIT integrates experiential learning by incorporating project work, internships, and fieldwork, ensuring students gain practical skills alongside theoretical knowledge.

The institute's focus on addressing curricular gaps with value-added courses, MOOCs, and skill development initiatives enables students to stay industry-ready. Continuous feedback from stakeholders, regular audits by the IQAC, and departmental reviews ensure curriculum delivery remains effective and aligned with evolving educational standards. This holistic, adaptable curriculum equips students with the competencies needed for professional success, ethical responsibility, and societal contribution, making AIT a forward-thinking institution.