



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

JYOTHI NAGARA, CHIKKAMAGALURU-577102

577101

www.aitckm.in

SSR SUBMITTED DATE: 10-12-2022

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

December 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

- 1980: Sri Adichunchanagiri Institute of Technology, Chikkamagaluru established on 01/06/1980, under the flagship of Sri Adichunchanagiri Shikshana Trust ®, under the chairmanship of Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji, then Pontiff of Sri Adichunchanagiri Kshetra, Nagamangala Taluk, Mandya District. Initially Civil Engineering, Mechanical Engineering and Electronics & Communication Engineering branches were started.
- 1981: 67.33 Acres of land registered in the name of Sri Adichunchanagiri Shikshana Trust ®, on 19/06/1981. Electrical & Electronics engineering branch started in this year.
- 1986: Computer Science & Engineering branch was started during this year.
- 1994: Approved by AICTE on 01/06/1994 as unaided private institution.
- 2000: Information Science & Engineering was started in the year of 2000.
- 2004: Civil Engg, Industrial & Production Engg, Computer Science Engg, Electronics and Communication Engineering, Electrical & Electronics Engg. and Mechanical Engineering NBA accreditation in the year 2004. (15/9/2004).
- 2007: PG Programs in Business Administration and Thermal Power Engineering started in the year 2007. Research Centre in Physics also started this year.
- 2008 : Civil Engg, Industrial & Production Engg, Computer Science Engg, Electronics and Communication Engineering, Electrical & Electronics Engg and Mechanical Engineering got NBA re accreditation in the year 2008 (19/9/2008).
- ISO : 9001 Certification also got in this year, validated up to 5/7/2011.
- 2010: PG Programs in Structural Engineering and Digital Electronics and Communication Systems started in this year.
- 2011: PG program in Computer Science Engineering launched in the year 2011.
- 2012: PG Programs in Machine Design and Power System Engineering started this year. Research center in Electrical & Electronics Engg also started this year.
- 2017: Computer Science & Engineering Research Centre started in this year 2017.
- 2018: Information Science & Engineering Research Centre started in this year 2017
- Also NAAC accreditation with B+ grading.
- Affiliated to Visvesvaraya Technological University with permanent affiliation to a few courses.
- Transparent admission policy with admissions opens to all sections of society, reservation as per the provisions of Karnataka Education Act 2000.
- Lower fee structure for all courses compared to any other affiliated College of Visvesvaraya Technological University. Fee structure for SC/ST students on par with the Govt. College Fee.
- Access to education for all irrespective of caste, creed, religion, gender, region and widening of participation in the education are the prime motives of the Sri Adichunchanagiri Shikshana Trust ®.
- Number of institutions under Sri Adichunchanagiri Shikshana Trust ®: 5 Engineering Colleges, 2 Medical Colleges, 21 First Grade Degree Colleges, 50+ Pre-University colleges and hundreds of Primary and secondary education institutions.

Vision

To develop Adichunchanagiri Institute of Technology as a center of excellence and to strive for continuous

improvement of technical education and human resource advancement

Mission

To achieve Excellence in Education, Entrepreneurship and Innovation by producing Engineers with high Ethical Standard, Integrity and Credibility.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Committed and Visionary Leadership
- Excellent Infrastructure
- MOU's & Collaboration with Industry – Institution
- Good Network with all stakeholders
- Experienced and Reputed Faculty
- Good Teamwork / Student Centered Approach
- Good Ambience with Natural flora fauna
- Research Centers

Institutional Weakness

- National level diversification is missing in student admissions.
- Due to coffee plantation agriculture in the region, Agro entrepreneurs are more, hence they prefer business education than the technical education
- Population demography of the region is poor. So, Engineering education is costly affair for the people of this region.

Institutional Opportunity

- VTU Valuation Centre
- Autonomous Status
- Consultancy Services
- Vocational Courses
- Evergreen opportunity in making of Entrepreneurs in the field of Nursery, Coffee plantation and Tourism industry.

Institutional Challenge

- Declining enrollment in core engineering (non-circuit) branches, such as Civil Engg, Electrical and Electronics Engg, Mechanical Engg etc.,
- Low fee structure, huge pay related expenses and maintenance of the college poses a hurdle for infrastructure developmental initiatives due to decreasing corpus fund every year.

- Teaching Staff appointment for Software branches due to competition from Software Development Industry.
- Changing needs and expectations of stakeholders in general and Industry in particular vis-a-vis the graduates seeking jobs.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college has role is minimal in the curriculum development, as an affiliated institute. However the college offering diverse range of courses introduced by VTU the affiliating university, in terms of Core options, elective options and add-on courses, at UG and PG levels. The college has 7 UG Engineering Programs, 7 PG Programs including MBA and 8 research centers. Add-on and skill development certification courses also introduced in all the departments. Semester system with Choice Based Credit System has been followed as per the scheme of the Visweswaraya Technological University. Several compulsory inter disciplinary subjects are introduced on topics like Environmental Science and Public Health, Human rights and Indian Constitution, etc. Soft skill and life skill courses are part and parcel of our HR Training modules as compulsory subjects. Conventional chalk-talk method coupled with ICT teaching pedagogy is followed in the college. Assignments, student seminars, workshops, field visits, industry visits, invited lectures from industry and research institutions were organized. Several co – curricular activities and commemorative day celebrations are being conducted in the college to enrich and empower the students towards Gender sensitization, environmental issues, moral and ethical values, better career options, community orientation programs are also part of our students learning.

Teaching-learning and Evaluation

The college adopted more students – centric teaching methods such as participative learning, experimental learning, experiential learning and problem solving learning. From entry point to exit point of the students, the college is providing all-in-one MIS service app (Academics, Administration, Placement) for qualitative and transparent services to the students. Academic Calendar, Syllabus, Student progression, Evaluation and feedback systems brought under one umbrella with the help of this application. Though lecture method is the pre-dominant teaching method, the use of ICT is integrated into the teaching-learning process. The teacher: student ratio is 1:16. Regular assessment of students through assignments, tests, preparatory tests, etc. Mentoring System of the campus monitors the progress of students and maintains a constant interaction with the students. Students are counseled for their academic improvements and to solve any Psychological problems. The result analysis is carried out and remedial measures are adopted for academically weaker students. Advanced learners are encouraged to put in efforts to secure ranks at the university examinations and guided to face competitive examinations to pursue higher levels of education. Our efforts in T-L-E process reflect in 98% of results, university ranks and gold medals at the university examinations both at UG and PG levels. Several students score centimes in individual subjects.

Research, Innovations and Extension

The college encourages the staff to undertake research activity and to enhance their academic qualifications by

providing flexible time-table options and by deputing the teachers on FIP basis for higher studies. The college has 34 Ph.D. holders. Research is encouraged on both part-time and full-time basis leading to Ph.D. Our Institute is a Recognized Research Centre in different streams recognized by the Visvesvaraya Technological University. A few of the teachers are recognized as guides by other universities also. Teachers are actively engaged in research and are participating as resource persons and delegates. A few faculty members are engaged in research projects funded by the AICTE and other agencies. The college has been conducting periodic National level, State level and regional level conferences for the benefit and promotion of research atmosphere encouraging faculty to involve in article presentations/publications and establishing collaboration for research activity. Several collaborations are made with industries, training institutions and research institutions for purposes of research collaboration and training students in the college. Many teachers have published textbooks, research articles and theses. Consultancy services on honorary basis are carried by a few teachers. Student research projects are encouraged. YRC and NSS students' wings of the college carry out extension activities. A few of the programs include Blood Donation, Covid Vaccination Program, Electoral literacy campaigns, etc. We supported Mega Health camp by Government of Karnataka benefitted nearly 20,000 citizens of the district.

Infrastructure and Learning Resources

The Management has developed adequate infrastructure and learning resources in the campus to achieve its objective of excellent education. The campus is beautified by gardening and landscaping. The campus has nearly 18 building blocks in the area of 41000 square metres which included 39610 Square meters built up area includes 58 Regular Class rooms, 155 Faculty rooms, 13 HOD Cabins, 23 Tutorial CRs, 4 Workshop units, 1 Drawing hall, 7 Library halls, 58 well equipped laboratories, 12 seminar halls, Sports club, Cafeteria, 8 Guest accommodations, Spacious corridors and common areas, 40 toilets, 3 boys common rooms, 4 Girls common rooms, 2 boys hostels, 1 girls hostel, Spacious Principal/Director offices, administration office, Human Resource Department with all training facilities, well stacked Central library with ancillary branches in all departments, 5 acres of Play ground, gymnasium and a basketball court, indoor and outdoor auditoriums, Karnataka Bank ATM counter. The college with all-weather approach motorized road, Power back up with five generators and UPS, Each department equipped with Computer labs with LAN and internet connectivity. The college has been made ICT ready equipped with LCD and DLP projectors in all class rooms., Automated and Digital library, CC Cam surveillance, First Aid facility, Potable water supply, Fire extinguishers, huge vehicle parking space, photo copying machines, college information center with website, MIS software, DHI app, are few of the highlights of our ICT campus.

Student Support and Progression

Students are the primary stakeholders of the institution and the institution has been evolving measures like student empowerment, inclusive practices and skill development which are student supportive and student centric. The practice of social inclusion, financial incentives and welfare measures has been internalized in the institutional processes. Academic support for slow learners accommodating tutorial classes and advanced learners encouraged to bag high stakes in examinations. The college ensures the prompt application schedule and payment of SC/ST/OBC/minority scholarship offered by the State Government and the Government of India. The total number of students benefitted by the different scholarships available in the college is about 2453 students and an amount of Rs.4,69,61,552=00 have been disbursed in the past four years. Several co-curricular, extracurricular and sports activities are being conducted to facilitate holistic development of the student. Placement services are offered in the college with an average of about 80% of outgoing students

offered campus recruitments. Students progressing to higher education on an average are about 10%. Student results are quite encouraging in the college. Ranks and gold medals have been bagged by the students. Several students have excelled in sports participating at University Level games and having won several prizes. Students have excelled in cultural, Extra Curricular and co-curricular activities.

Governance, Leadership and Management

The Adichunchanagiri Shikshana Trust Guided by a great spiritual & Academic Leadership and the board consists of Renounced academicians, Industry Professionals, Chartered Accountants and well-educated philanthropists of the Society. The AST is a non-hierarchical, non-inherited, democratic and secular in its structure.

The college ensures the following:

- Budgetary provisions for the different processes in the system
- Management of finance as per the Karnataka Civil Services Rules, AICTE, UGC rules and the rules and regulations set by the Regulatory authorities as well as Shikshana Trust.
- Decentralization and transparency in all processes of the system
- Internal and external auditing of accounts
- Frequent meetings of HODs and the staff to generate short term and long term plans in addition to propagating the latest changes in the university regulations.
- Existence of formal and informal grievance Redressal mechanism for both the students and the staff.
- Provision of employment for the kith and kin of the employees on compassionate grounds.
- Subsidized fee structure for SC/ST/ OBC, Merits and the children of Staff of AST Institutions
- Good human resource management techniques in place.

The college has put in place the Internal Quality Assurance Cell ensuring the internalization of quality culture in all the system processes. The concepts of TQM are being internalized. The college has a quality policy in force. The AQARs have been submitted to the NAAC.

Institutional Values and Best Practices

- The college is Best Clean and green Campus of Karnataka. It conducts green audit, Waste management audit, Energy and environment audit from time to time and involving in creating awareness about environmental issues, climate change and utilization of renewable energy sources etc., among young people of this country.
- Our HR Development Services to the students in terms of Training and placement is unique one – which inculcate the passion of professionalism from inception to employment. Due to the tireless & continuous evaluation and training mechanism top companies are recruiting our students for the best packages.
- The Best Management Information System (DHI Software) in place in our institution which will benefit the all stakeholders with complete information based on their needs and requirements.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
Address	Jyothi Nagara, Chikkamagaluru-577102
City	Chikkamagaluru
State	Karnataka
Pin	577101
Website	www.aitckm.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	C T Jayadeva	08262-221064	9448665711	08262-220063	principal@aitckm.in
IQAC / CIQA coordinator	Devananda H M	08262-220444	9480280395	08262-220036	iqac@aitckm.in

Status of the Institution	
Institution Status	Private

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		
12B of UGC		

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	03-07-2022	12	approval given by Honorable member secretary AICTE

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	Jyothi Nagara, Chikkamagaluru-577102	Rural	57	39610

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,Department Of Civil Engineering	48	PUC	English	126	32
UG	BE,Department Of Mechanical Engineering	48	PUC	English	63	5
UG	BE,Department Of Computer Science And Engineering	48	PUC	English	60	0
UG	BE,Department Of Computer Science And Engineering	48	PUC	English	126	124
UG	BE,Department Of Electronics And Communication Engineering	48	PUC	English	126	104
UG	BE,Department Of Electrical And Electronics Engineering	48	PUC	English	63	31
UG	BE,Department Of Artificial Intelligence And Machine Learning	48	PUC	English	63	62
UG	BE,Department Of	48	PUC	English	63	62

	Information Science And Engineering					
PG	Mtech, Department Of Civil Engineering	24	BE	English	24	5
PG	Mtech, Department Of Mechanical Engineering	24	BE	English	9	0
PG	Mtech, Department Of Mechanical Engineering	24	BE	English	9	2
PG	Mtech, Department Of Computer Science And Engineering	24	BE	English	18	3
PG	Mtech, Department Of Electronics And Communication Engineering	24	BE	English	9	2
PG	Mtech, Department Of Electrical And Electronics Engineering	24	BE	English	12	0
PG	MBA, Pg Department Of Management Studies	24	Any Bachelor Degree	English	60	58
Doctoral (Ph.D)	PhD or DPhil, Department Of Civil Engineering	48	M.Tech	English	4	2
Doctoral	PhD or DPhil	48	M.Tech	English	4	0

(Ph.D)	I,Department Of Mechanical Engineering					
Doctoral (Ph.D)	PhD or DPhil, Department Of Computer Science And Engineering	48	M.Tech	English	4	3
Doctoral (Ph.D)	PhD or DPhil, Department Of Electronics And Communication Engineering	48	M.Tech	English	4	1
Doctoral (Ph.D)	PhD or DPhil, Department Of Electrical And Electronics Engineering	48	M.Tech	English	2	1
Doctoral (Ph.D)	PhD or DPhil, Department Of Physics	48	M.Sc in Physics	English	4	0
Doctoral (Ph.D)	PhD or DPhil, Department Of Chemistry	48	M.Sc in Chemistry	English	4	0
Doctoral (Ph.D)	PhD or DPhil, Department Of Information Science And Engineering	48	M.Tech	English	2	2
Doctoral (Ph.D)	PhD or DPhil, Department Of Mathematics	48	M.Sc in Mathematics	English	2	1

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	17				31				111			
Recruited	14	3	0	17	21	10	0	31	65	36	0	101
Yet to Recruit	0				0				10			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				45
Recruited	30	15	0	45
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				75
Recruited	57	18	0	75
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	14	3	0	10	3	0	3	0	0	33
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	11	7	0	62	36	0	116
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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		Total
	0	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	199	2	0	0	201
	Female	219	0	0	0	219
	Others	0	0	0	0	0
PG	Male	29	0	0	0	29
	Female	41	0	0	0	41
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Certificate / Awareness	Male	695	0	0	0	695
	Female	723	0	0	0	723
	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	18	12	24	22
	Female	18	12	17	20
	Others	0	0	0	0
ST	Male	7	2	7	3
	Female	6	5	4	7
	Others	0	0	0	0
OBC	Male	80	90	116	123
	Female	83	91	82	89
	Others	0	0	0	0
General	Male	113	108	139	177
	Female	137	152	150	176
	Others	0	0	0	0
Others	Male	12	19	13	16
	Female	16	11	16	14
	Others	0	0	0	0
Total		490	502	568	647

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Adichunchanagiri Institute of Technology (AIT) has always strived for a multidisciplinary approach in its academic as well as co-curricular activities. Students are encouraged to undergo minor/major projects in the Multidisciplinary/ Interdisciplinary mode by formulating teams from different courses. Students are also encouraged to formulate teams from different disciplines to participate in various events like Hackathons, Research Paper presentations, Science & Technology Meals and Business Carnivals etc.
2. Academic bank of credits (ABC):	The faculties of AIT are totally at liberty to select their own teaching pedagogy and all possible facilities including ICT are made available to explore

	<p>those avenues. The library caters a wide gamut of text and reference books and tertiary references for the faculty to choose from. Online reading materials are provided to students, DELNET e-content is available to all. We have already implemented for our students to take online courses through online mode through National Schemes like SWAYAM, NPTEL etc, and is considering for credits earned against elective courses. We are in the process of developing a system for executing ABC in true spirit. It is noteworthy to mention that already a few faculties are designing small online courses extending the current curriculum for interested students and MoUs has been signed to engage them in more such exercises. Already the CBCS is implemented by the affiliating University; which is a first step towards ABC system. There is, however, little scope to go beyond University norms for an affiliated College.</p>
3. Skill development:	<p>Adichunchanagiri Institute of Technology (AIT), Chkkamagaluru in the line of National Skill Qualification Framework (NSQF), the college has already implemented OBE as a part of its preparedness for accreditation. To strengthen its skill development capacity, there are soft skill oriented grooming sessions designed for students, particularly from rural and vernacular backgrounds and those who are first generation (Slow) learners.</p> <p>Adichunchanagiri Institute of Technology (AIT) sends its students regularly to Industry and work site visits for earning real-life professional skills. Students of AIT are presently being given hands-on exposure to practical subjects through internships and mini projects, in which students identify their skills and learn the concepts through experiential learning. Every year the college is planning & implementing activities under NSS, E-Cell, etc. so that the various hard, soft and life skills for a successful individual could be instilled in the students in the form of several quotients. As yet no specific vocational programs are offered by the college, however, future plan is there to start certification courses for working people/school and college drop outs which they will be trained on specific skills like mason, bar-bender, fire-safety, electrical fittings, and Electronics gadget services etc., to earn respect, enhance their skill and to earn their livelihood.</p>
4. Appropriate integration of Indian Knowledge	Although the official language of content delivery is

<p>system (teaching in Indian Language, culture, using online course):</p>	<p>English as per statutory requirements, but practically, in order to percolate the desired knowledge to the students coming from rural and vernacular background, the faculty regularly resorts to local language Kannada as and when required in an informal manner. However, the college library do have a collection of books on allied subjects and is a repository of books on Languages, Indian History, religion, art, and culture. Subjects like Indian Constitution and Environmental Science taught as part of curriculum to preserve Constitutional values and respect flora fauna of our great Country. It is planned that a dedicated section of the college website will be developed in near future with all the information about this great nation.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>All these programmes are offered as outcomes-based education (OBE) by our affiliated University - which are designed keeping in mind the regional and global requirements. AIT has implemented outcome-based education plans of our university with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes. All courses are designed with outcomes centered on cognitive abilities namely Remembering, Understanding, Applying, Analyzing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. Undoubtedly our affiliated university VTU syllabus has been designed with due consideration to macro-economic and social needs at large so as to apply the spirit of NEP.</p>
<p>6. Distance education/online education:</p>	<p>The affiliating university has approved AIT, Chikkamagaluru as research centre in various disciplines for offering it' Ph.D program in off campus mode. Institute has successfully imparted all its courses content delivery in online mode during the Pandemic (COVID-19) and also conducted online internal examinations successfully by using online Platforms. Our Departments also offering various online add-on and certification courses.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2325	2449	2539	2636	2594

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

2 Teachers

2.1

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

Response: 149

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

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
149	150	151	157	159

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
544.80	490.23	729.41	789.91	1092.97

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:

Yes. The AIT, ensures effective curriculum planning and delivery mechanism through a well-planned & documented processes.

AIT is affiliated to Visvesvaraya Technological University, Belagavi, and hence the institute follows the syllabus and curriculum prescribed by VTU. For curriculum delivery, IQAC conduct a meeting to verify the syllabi of each subject of the college from the affiliated university.

1. Preparation of teaching plan on the basis of the Curriculum

The college is having online academic monitoring system. Based on the university calendar of events, the institute will discuss, decide, and plan the college calendar of events. Based on the compliance of the faculty qualification, specialization, experience and their preference HOD allotting subjects. After allotment of subjects, each course instructor prepares a course file like lesson plan, POs, COs and course related activities. Time table coordinator prepares the timetable for regular academics and internal tests for the upcoming semester. All these decisions will be approved in department faculty chaired by concerned HOD. Then all program outcomes, course outcomes, syllabus copy, lesson plan, department academic calendar, time table, CIE activities, Written test schedules shared to faculty and students through our academic software (DHI), notice board and on college website. And subsequently as and when Internal Exams are conducted question paper with the scheme are included in this course file. Faculty have the freedom and flexibility to make use of effective teaching learning methods as well as ICT tools in curriculum delivery.

2. Monitoring and Review meetings

Departmental meetings are happening every month for monitoring the implementation of the semester plans and their effectiveness. Periodical reports on syllabus completion, additional classes, and tutorial classes as per the teaching plan will be obtain from the faculty. Subject related social activities, co-curricular activities and timely curriculum delivery are also prioritized as per the plans. Student centric learning methods like JLG (Joint Liability Group), TPS (Thinking Pairing Sharing), MIE (Meet Industry Expert), MAE (Meet Academic Expert), Micro and Macro presentations introduced for effective students participation in learning. Periodical Parent Teacher meeting s conducted to have feedback on our curricular delivery system.

3. Effective Implementation

The clearly defined academic planning of our institute avoid ambiguity and can be implemented effectively. The Academic planning process has been ensured effective implementation.

- Semester wise Academic calendar received from the university
- Based on university calendar AIT prepares institute's calendar
- Departments plan academic activities and continuous internal evaluation (CIE) comprising three internal assessment tests, assignments, quizzes, and seminars
- IA question papers prepared by course coordinators based on the revised Bloom's taxonomy, which are reviewed and approved by the **internal question paper review committee** of the department.
- Lab based continuous evaluation includes, submission of laboratory observations, records, conduction of labs & viva test at the semester end as per laboratory evaluation rubrics.
- End Semester examinations will be conducted by university as per the announced schedules and results announcement within a month after the examinations.

File Description	Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years	
Response: 78	
File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years				
Response: 37.3				
1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years				
2021-22	2020-21	2019-20	2018-19	2017-18
1418	878	966	822	595
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 into the Curriculum

Response:

The institute follows curriculum prescribed by the university and integrates various socially relevant crosscutting issues like ethics, human values, environment, etc., across UG and PG programs to sensitize the students.

Human Values and Professional Ethics:

Human values and professional ethics are addressed through the course "Constitution of India, Professional Ethics and Cyber Law" offered in the III/IV semester of engineering programme. The primary objective of this course is to ensure that the students have knowledge of the constitution, fundamental duties and rights of citizens, professional ethics and the responsibilities of engineers. The course also provides awareness about cybercrimes and cyber laws. First-semester UG students are expected to undergo 21 days of Student Induction Program (SIP) in which cross cutting issues like Human Values, Professional Ethics, etc., are addressed.

Environment and Sustainability:

The issues of Environment and Sustainability are addressed through the course "Environmental Studies" offered to engineering students in the V semester. Through this course, students are sensitized to ecological and environmental issues connected with land, air, and water, with awareness on sustainable development

Gender equity:

AIT, imparting quality education to shape global leaders has firm belief in gender equity which is indispensable to ensure sustainable development of a country. Institute has initiated promising measures to sensitize and promote gender equity amongst the stakeholders through curricular and co-curricular activities. To promote gender equity among the students, institute supports flexible seating arrangements in the class rooms, equal representation of both genders in the leadership positions of class and college level committees, curricular and co-curricular activities. The institute makes concerted efforts to create a congenial environment free from gender discrimination through mutual respect. Apart from the above, the institute organizes various awareness programs and activities on cross-cutting issues with the support of external organizations and experts.

File Description	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: 41.68

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

Response: 969

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 (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 73.79

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
490	502	568	647	620

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
741	750	780	780	780

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

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (Exclusive of supernumerary seats)

Response: 62.49

2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
208	212	250	265	263

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

2021-22	2020-21	2019-20	2018-19	2017-18
371	376	390	390	390

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

2.2 Student Teacher Ratio

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

Response: 15.6

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 using ICT tools

Response:

Yes, the pedagogy adopted by our teaching fraternity at AIT is a combination of Experiential, Participative and Problem solving methods. We also using ICT enabled systems and practices which are making learning more curious, attractive, simple and two-way inculcating teachers and students more interactive. The Teaching methods of different styles of learning practiced with us are highlighted below:

Experimental learning

- Research survey and industrial visits are organized.
- Students are motivated towards data collection on different issues, analysis, mini projects, seminars, conferences, publication works, and exhibition.
- Case studies, research and data collection task and motivated them towards adopting new knowledge and skill of solving technical problems.
- Guest lecturers of industrial experts are conducted. Industrial visits, mini – projects surveys, research data collections, these activities are conducted, which helps students for practical experience.
- Skill oriented programs are conducted regularly. Webinars with experts, hackathons are conducted to help students for their skill enhancement.
- Event analysis, case study, participation in various events outside the college.
- Students are regularly participated in intergroup competitions, project exhibitions, and paper presentations.
- PPT's, videos, study materials are prepared and communicated to students through virtual learning soft wares.

- Simulations are carried out by the students for real time applications.
- Review web literature.
- Journal review

Participative learning

- Debates and group discussions are conducted regularly
- Paper presentations, seminars, webinars, quiz are organized.
- Pictures, posters, or story cards are exhibited by the students.
- Interaction with Alumni, Group project, Panel discussion
- Project assessments, demonstration and exhibitions.
- E-learning
- Creation and transfer of knowledge by use of Google classroom.
- Audio/video recording
- Case studies
- Think-pair-share
- Flipped classroom
- Peer learning groups
- MOOC'S(Massive Open Online Course)
- MIE (Meet Industry Expert)
- MAE (Meet Academic Expert)

Problem solving methodologies

- Add-on courses for developing special skills of students.
- Skill development programs, interview techniques, resume writing, personality development programs are arranged.
- Project based learning
- Real time case studies
- Worksheets
- Open book test
- Prototype model
- Crosswords
- Viva voce
- Public speaking

The teaching methods and practices we adopted inherently include the ICT tools. Without ICT these teaching techniques cannot be adopted and practiced. Hence ICT is part of our Teaching methods.

2.4 Teacher Profile and Quality

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

Response: 96.35

2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
159	159	159	159	159

File Description	Document
Upload supporting document	View Document

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

Response: 25.2

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
50	42	37	34	30

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

Yes, Our internal and external assessment and grievance Redressal mechanisms are transparent, time bound and efficient.

Mechanism of Internal Assessment & grievance redressal :

CIE is regular and routine matter for us as we adopted CBCS (Choice based credit system), under affiliated university curriculum which gives 40% weightage for internal evaluation.

Components of CIE are :

- 1.3 Written Tests
2. Assignments
3. Seminars
4. Observations, Records and Viva-Voce in case of Laboratory work.

All the CIE Components are revisable in nature in accordance with the rules of the department, College and University. The planning sequence of internal evaluation & Redressal as follows:

- Course faculty involved in the continuous evaluation process and records the assessment.
- The written test – 3 tests will be conducted as per college calendar
- Preparation of QP with scheme & solutions by course faculty, scrutinized by HOD by considering QP pattern, duration, marks rubrics, application of as bloom's taxonomy, fulfillment of COs &POs.
- IE coordinator will do Jumbled seating arrangements, invigilator allotment
- After the exam answer booklets will go to course coordinator and has to evaluate with in a week as per the scheme & solutions. Valued scripts will be shared with the students and correction of any discrepancy found by the students immediately. Department and College level Committees are at work to address the evaluation grievances reported by the students.
- Internal evaluation of Laboratories, Projects, Seminars and Internships are carried out by a panel consisting of Head of the department, senior faculty member along with the respective internal guide by following the defined rubrics.
- After the completion of the evaluation process, individual course faculties will upload the test marks in the college portal (Dhi software) and the same will be notified to the students/ parents/ guardians.
- The signature of the student is taken for each and every test as well as during the finalization of the marks before uploading it to the University Portal.

Mechanism of Internal Assessment& Grievance Redressal:

The present EEMES (external exams management & evaluation system) of our University is as follows:

1. External examination schedules announced by the VTU in its calendar, published in university portal, as well as notice boards of the college
2. Sharing of Question papers by the university through a link & password with Head of the institution & External supervisor deputed by the university just before 30 minutes with fool proof security.
3. College will take the printouts within thirty minutes with high speed laser printers
4. External exam team of the college will make the planning of seating, invigilation, secured bundling and university taking care of pick up the bundles, coding and distribution of coded & scanned answer scripts to respective valuation centers identified.
5. Each scanned answer scripts will undergo online valuation thrice at the identified centers and results will be announced within a month from the last examination date.
6. If there are any grievances, University provides time bound support to the students for revaluation and photo copy of answer scripts.

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 and attainment of POs and COs are evaluated

Response:

College follows the outcome-based education; hence the Program Educational Objectives (PEO's), Program Specific Outcomes (PSO's) are defined by each department. For defining the PEO's and PSO's we follow the consultative process involving the stake holders and are in lined with the vision and mission of the college and department as well as the graduate attributes.

Similarly, we follow the above procedure for defining the PSO's.

Program Outcomes (PO's) are defined by National Board of Accreditation (NBA), New Delhi.

The Course Outcomes (CO's) for each subject is available in university syllabus or CO's are refined and defined by concerned faculty member in consultation with other faculty teaching the same subject and Head of the Department after achieving the attainment. CO's and PO's are mapped for each course by the concerned faculty in college software (Dhi). At the end of the semester, CO's attainment is calculated automatically by the software and the attainment data is maintained by the course handling faculty. The PO's, PEO's, PSO's and CO's are made available in college website and are also communicated to the students, teachers and other staff members by displaying at following locations:

- Class rooms
- Departmental Laboratories
- Department Library
- College corridors,
- HoDs chamber and Faculty rooms
- Course files.

The COs is also disseminated to students through faculty announcements to the students during the beginning of each semester and from time to time during the entire semester.

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

2.6.2 Pass percentage of Students during last five years

Response: 97.24

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

2021-22	2020-21	2019-20	2018-19	2017-18
667	631	723	655	667

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

2021-22	2020-21	2019-20	2018-19	2017-18
682	662	730	672	692

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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	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: 41

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

2021-22	2020-21	2019-20	2018-19	2017-18
13	06	14	04	04

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 and has initiatives for creation and transfer of knowledge

Response:

Yes, the institution's eco system for innovations and initiatives for creation and transfer of knowledge is remarkable and highly appreciable

Ecosystem for Innovation:

- The Institution has KSBDB initiated incubation center of bio fuels.
- The Institute has its own incubation center and hosting a startup company Capulus technologies in the campus, where students gain hands-on experience in innovation and entrepreneurship with the help of industry experts.
- AIT is having its own R&D centre with required ICT tools for the use of faculty and students of our institute and neighborhood institutes to work on their innovations.
- innovation supportive systems- Our campus is equipped with innovation supportive tools, which includes ICT technology, high speed LAN, 500 mbps bandwidth Wi-Fi, Library with E-Learning resources, providing access to faculty, students, researchers and innovators.

Initiatives for Creation and transfer of knowledge:

- Institute supports teaching and research activities with neighborhood institutions. It promotes institutional exchanges by inviting students, faculties and staffs of the partner institutions to participate in conference, technical talk, seminars, workshops, project exhibition and FDP, to encourage brainstorming and transfer of knowledge among institutions, faculty and students
- Our Shikshana trust AST organizing an event called Jnana –Vignana-Thantagnanaininvite students from all over karnataka to exhibit the Projects / Models & Innovations. This Mela is the huge platform and the best example for innovation ecosystem and transfer of knowledge initiated by our Trust & our College. The objectives of this brain storming and knowledge sharing JVTM mela is
 - 1.Exposing the latest developments in the field of Science, Technology, wisdom and spirituality
 - 2.Enlightening for a scientific analysis of religion and study of religion in the light of science.
 - 3.Motivating the younger generation to think and act scientifically and also inspiring them to develop an inclination towards solving problems related to Societal needs, cultural, spiritual, environmental, agricultural, energy conservation, health care, research and academic advancements etc.,
 - 4.Enabling the younger generation to visualize the future of the nation and become responsible citizens.
 - 5.This JVT mela benefit the students to exhibit their innovations in the stalls visited by students, academicians, scientists, technocrats, professionals, entrepreneurs and general public.

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: 21

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

2021-22	2020-21	2019-20	2018-19	2017-18
02	03	07	04	05

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 on UGC care list during the last five years

Response: 0.79

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

2021-22	2020-21	2019-20	2018-19	2017-18
09	31	19	30	28

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[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: 0.18

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

2021-22	2020-21	2019-20	2018-19	2017-18
04	06	06	06	05

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.4 Extension Activities

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

Response:

Holistic development of the student is the aim of our Institution Policy. Our vision and mission statements also clearly defined this objective. The college maintains its social cohesiveness through extended activities in the neighborhood community to sensitize students about social issues. The college consistently promotes participation of students and faculty members in socio-friendly extension activities through various cells and activity centers. The college aims to develop students' emotional Quotient through their interaction with various challenges and hurdles faced by the people in the nearby community and encourage stakeholders to develop their positive attitude towards life.

- Part of our neighborhood community services, every year NSS Special camps were organized in identified villages for one week to create awareness among rural community about Gender equality, importance of literacy, various schemes of government, health care, Clean & green, menace of Alcohol, tobacco consumption, & smoking etc.,
- Our Students part of their community awareness campaigns - visited the local HEIs, Youth hostels and the villages nearby to sensitize the gathering on social issues such as

1. Covid-19 awareness
2. Covid-19 Vaccination drives
3. Cyber crimes awareness,
4. Road safety,
5. Junk food problems,
6. Yoga for Health and Fitness,
7. Energy conservation
8. Swatch Bharath Abhiyan
9. Usage of Bio-diesel
10. Make in India
11. Skill India & Digital India
12. Blood donation Camps
13. Awareness about Ills of deforestation
14. Tree-Plantation programs with collaboration of Forest Department
15. Electoral Club – Voter registration & Education campaign
16. E-literacy classes in adopted rural school

17. Surveys&Innovative Projects for the industry
- 18.Volunteered a Mega Health camp organized by Govt of Karnataka in our campus
19. Respect and honor the soldier
20. Street Plays on different social issues
21. Collage making, Essay writing, Elocution, Painting on identified contemporary Issues from time to time.,

File Description	Document
Provide Link for Additional information	View Document

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

Response:

Our Institute got awards recognitions for its extension activities from various Government agencies and recognized non-government organizations.

- Project titled Virtual Dressing Room using Augmented Reality is awarded Best Project of the Year in 45th Series of Student Project Programme: 2021-22 by Karnataka State Council for Science & Technology, Govt. of Karnataka (guided by Nanjesh B R and Dr. Sampath S., IS Department).
- Faculty of our institute Prof. Nanjesh B R has been recognized for his social service contributions and elected as Director for Indian Red Cross, Chikkamagaluru. He is also nominated as Chairman for District Youth Red Cross YRC for the term of 3 years from April 2022.
- Mr.Nanjesh B.R is also elected member of Institution of Engineers India, Karnataka State Committee for the term of 3 years from October 2021.
- Mr.Nanjesh B.R recognized as Academic Performance and Research Activities by IJARBEST Awards 2018.

File Description	Document
Provide Link for Additional information	View Document

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

Response: 8

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

2021-22	2020-21	2019-20	2018-19	2017-18
2	3	1	1	1

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

3.5 Collaboration

3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:

Response: 39

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The AIT Management has developed adequate infrastructure and learning resources in the campus to achieve its objective of excellent education. The campus is beautified by gardening and landscaping. The campus has nearly 18 building blocks in the area of 41000 Sq.Mtrs which included 39610 Sq.Mtrs built up area in that earmarked for

Instructional area 16960 Sq.Mtrs
 Administrative area 4100 Sq.Mtrs
 Amenities area 8540 Sq.Mtrs
 Circulation area 10010 Sq.Mtrs
 Total built up area 39610 Sq.Mtrs

Instructional area includes:

58 Regular Class rooms with 43 ICT enabled Class rooms
 155 Faculty rooms,
 13 HOD Cabins,
 23 Tutorial class rooms,
 4 Workshop units,
 1 Drawing hall,
 58 well equipped laboratories with legal & updated software,
 12 seminar halls,

Administrative area includes

Huge administration office,
 Spacious Principal/Director offices,
 Big Human Resource Department with all required infrastructure for training

Amenities built up area includes:

7 Library halls
 Well stacked Central library with ancillary branches in all departments,
 Sports club (290 Sq.Mtrs),
 Cafeteria of (320 Sq.Mtrs),
 3 Boys common rooms,
 4 Girls common rooms,
 40 hygiene wash rooms,

Circulation area & other additional developed space includes :

Spacious corridors and common areas,
 Huge Parking space for 2 wheelers & 4 wheelers separately
 College Bus Parking area
 One indoor auditorium with seating capacity of 1000,

One outdoor Amphi auditorium with seating capacity of 4000,

Apart from the above infrastructure we also have:

Boys hostels, 2 girls hostels with average of 5000 Sq.meters each.,

8 Guest accommodations,

5 acres of Play ground, with Foot ball, Hockey, Cricket field with 60yards boundary and 400 meters track with four lane, which also accommodate volley ball, basket ball and ball badminton courts.

Rock Garden & Flower gardens

Bio-Diesel unit

Solar Plant & Lights

Wi-Fi enabled campus

Sports Centre

Yoga centre & Spiritual space

Gymnasium and a basket ball court,

Board room for strategic meets

Karnataka Bank ATM counter,

First-aid Service center,

Staff quarters for D group employees

Potable drinking water facility in all corridors

Power back up with five generators and UPS,

Each department with exclusive staff rooms

Each department with Computer labs with LAN and internet connectivity,

All class rooms have been made ICT ready with LCD and DLP projectors to facilitate the modern teaching methods.

The college is not only eco friendly with high learning ambience as well as it is specially abled friendly campus.

File Description	Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 17.17

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
86.47	35.44	63.22	112.00	329.00

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

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

Library is a knowledge centre and is the heart of the institute. Library is centrally located and the state-of-the-art library. Library maintenance is computerized by KOHA Software (ILMS) and automated with regular/constant updation. We do have a very spacious, well equipped Central Library with references and text books, journals, magazines, newspapers etc., conference proceedings, project reports and Digital library, E-learning facility is provided which covers a wide set of applications and processes including computer based and virtual learning. Each and every department also owning their internal library – where procurements are supported by the central library.

The library has a special reference section and has facilities like DELNET, Jgate, Turnitin, NDLI, CD's etc. Library is also consortia member of VTU-Consortium through which has subscribed for IEEE Proceedings, ASME, ASCE, and Science Direct e-portals. Every year, the library adds new books and journals to enable both faculty and students to go through the latest publications and journal articles. The library has access to more than 8641e-journals on various branches of engineering, science, technology, management and architecture in addition to 171 National and International printed journals. The library resources have been completely bar-coded and automated using Easylib integrated library package, which helps in transactions, OPAC (Online Public Access of Catalogues) and reservation of books etc., for the users.

The digital resources have been deployed using the data centre & hosted in the central server. Access to all the on-line library collection, such as the NPTEL lectures of all IITs and IISc have been procured and made available throughout the campus using intranet for the use of faculty & students, digitized CD-Rom information pertains to all the important books, question papers, and 8641 e-journals have also been provided in the same platform.

All the books have been classified and catalogued using DDC respectively and arranged on open shelves, books are organized subject-wise for easy access and quick retrieval. New books before sending to shelves are first displayed in the “new arrivals” section for 10-15 days and processed afterwards for the usage by students and staff. An average investment of Rs.4 Lakhs p.a happening towards strengthening of our library, based on the indents received from the various departments and buying approvals from Library/Purchase committees.

To improve the usage of library resources, assignments are given to students where in the students are made to refer library books to find solutions to the given problems. Book-bank facility is available where students can borrow the books and use for the complete semester.

Library committee plays a major role to upgrade and procure any additional and general books, both technical and non-technical. Individual departmental libraries are integrated with central library for accessing digital learning materials. Regular cleaning of the library floors, racks and maintaining the quality of the books with needed binding are in place. Pest control of library books and records is done every year by the maintenance department. Proper inspection and verification of stock takes place at the

end of every year.

File Description	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

Response:

The Department of IT Services is a one stop hub for all things related to IT infrastructure of the Institution. It houses an air-conditioned server room with adequate power backup. Internet Gateway is also located here.

IT facilities have been updated on regular basis. Also, new IT equipment has been purchased as per the requirements. In session 2021-22, 230 new desktop systems (i7 processor, 16 GB RAM, 1TB HD, 21 inches of monitor, Windows 10 Pro) purchased to upgrade computer labs. Also 14 projectors were purchased to support CT and they are installed in different classrooms. To update computer laboratories we also had investment in purchase of RAM (8GB and 12GB) and other hardware components. Overall in every year, our computer laboratories were upgraded or new laboratories set up for new requirements.

Presently we are using 500 Mbps Internet speed in our campus. Power point presentations are developed as teaching pedagogy to enhance students' learning. LCD projectors and laptops are made available in all class rooms and are used by faculty and students for teaching - learning process. Class rooms also have internet facility as well as Wi-Fi. Along with the traditional method of using chalk and board, faculty members also use audio visual technologies for effective usage of ICT facilities provided and for impressive & impact learning.

The seminar Halls are fully equipped with acoustically designed PLUG and PLAY facility to give enriching learning experience for stake holders during guest lectures, seminars and student club/Forum activities etc. Student activities and assignments are designed in a such a way that, they have to make use of the E-Library resources and ICT infrastructure effectively and efficiently.

Effective teaching and learning requires right information and good technology for delivery of same. Students have been provided opportunity to use tablets, smart phones and laptops to assist them in their academic pursuits. Google classrooms are used by faculty to conduct tests and assignments. Nearly 79 types of software available with the college to meet syllabus requirements.

File Description	Document
Provide Link for Additional information	View Document

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

Response: 2.11

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

Response: 1103

File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)**

Response: 82.83

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)

2021-22	2020-21	2019-20	2018-19	2017-18
458.33	454.79	666.19	677.91	763.97

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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 Government and Non-Government agencies during last five years

Response: 75.34

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1986	1678	1882	1946	1958

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

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

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[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: 13.23

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

2021-22	2020-21	2019-20	2018-19	2017-18
480	361	290	319	210

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

5.1.4 The Institution has a transparent mechanism for timely 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
Upload supporting document	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: 54.99

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

2021-22	2020-21	2019-20	2018-19	2017-18
475	362	285	314	211

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

2021-22	2020-21	2019-20	2018-19	2017-18
605	553	645	593	599

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

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	06	02	11	03

5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	06	02	11	03

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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: 12

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	2	3	3	1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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: 255.4

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

2021-22	2020-21	2019-20	2018-19	2017-18
1200	68	2	4	3

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:

Yes, Our Institute alumni association is recently registered. AIT is 40+ years old institute, and have huge alumni base in different parts of the country, as well as in the world. AIT given so many entrepreneurs, Administrators in public offices, CEOs of innovative business ventures, and young talent to different industries of the nation. In return our alumni also supporting the institution financially and non-financially.

- Hyderabad chapter of AIT alumni association awarding top 3 merit students of Mechanical

engineering every year with Rs.15,000/-, Rs.12,500/- and Rs.10,000/- respectively.

- Chennai Chapter of AIT Alumni sponsored complete tuition fee for economically backward and academically talented students. 5 students got benefit out of it till.
- Our alumni encouraging the academic toppers every year by sponsoring the meritorious prizes awarded to them.
- Construction of Alumni complex in college premises is under proposal stage and Alumni association is ready to contribute for the construction cost.
- Every year December 2nd Sunday is earmarked for Alumni association meetings and experienced huge participation. Even Alumni settled in abroad also attending the meetings.

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 governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

Our Vision:

To develop Adichunchanagiri Institute of Technology as a center of excellence and to strive for continuous improvement of technical education and human resource advancement.

Our Mission:

To achieve Excellence in Education, Entrepreneurship and Innovation by producing Engineers with high Ethical Standard, Integrity and Credibility.

Chairman of AST:

Adichunchanagiri Institute of Technology promoted by Sri AdichunchanagiriShikshana Trust, headed by his holiness Paramapoojya Jagadguru Sri Sri Sri Nirmalanandanatha Maha swamiji, Pontiff of Sri Adichunchanagiri Maha samsthana Mutt, Nagamangala taluk, Mandya district of Karnataka.

Governing Council:

The Governing Council (GC) comprising of the founder members, eminent administrators, industry representative and renounced academicians to steer the institute in a progressive path.

The Principal:

The role of the Principal is to provide leadership, direction and co-ordination within the College. Simply he is the caretaker of the institute and its stakeholders.

Internal Quality Assurance Cell (IQAC) :

The IQAC is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the college. The IQAC may channelize and systematize the efforts and measures of the institution towards academic excellence. The IQAC shall have the following composition: a) Principal - Chairperson b) Five senior teachers and one senior administrative official - Member c) Two external experts on Quality Management/ Industry/Local Community - Member d) Director / Coordinator.

College Academic Council : Headed by HOI, and all HODs and nominated senior faculty as members, this council plays vital role in Academic Planning, effective implementation monitoring, review and audit.

Administrative Council: Administrative Council is a representative body of all constituent groups within

the institution to the end of initiating and/or reviewing all non-academic policies and procedures which impact the Institution. Principal as a chairman, representative member from Governing council, senior administrative staff are the members.

Functional Committees:

Functional committees reflects the decentralization of decision making and actively supporting the Head of the Institution and as well as Head of the Departments in planning, implementation, monitoring and grievance redressal in identified key areas of the institute. We have 24 functional committees at institution level

Head of the Departments: HODs are KRAs at operational level. Believed in decentralization and parity of authority and responsibility, our HOI (Principal) given free hand to them to make the decisions at the department level. They also adopted the team inclusiveness and democratic processes while making the decisions for the department. In this way AIT is practicing decentralization effectively at all levels of the management of institution.

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 functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

ADMINISTRATIVE SETUP:

Adichunchanagiri Institute of Technology established in the year 1980, has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors the progression of the institution. The organizational structure of the institution clearly demarcating the Duties, Responsibilities, Accountability and Authorities at every stage.

Service Rules, Policies and Procedures:

The institution has its own service rules, policies and procedures for effective functioning of the institution.

All these are available at Principal's office, HOD's chamber, library, Examination cell, placement cell etc., and distributed among all the employees.

Recruitment of Faculty/Supporting Staff.

- Advertisements are published in the state and national level newspapers.
- Interviews are conducted by a panel consisting of senior faculty, Head of the Department, External subject expert, Principal and Chairman.
- Preference is given to relevant qualifications and experience.
- A demonstration is taken from each person to understand the teaching capabilities and competency.
- The guidelines of the university and AICTE are followed during the recruitment of the faculty.
- The selected candidates are required to attend the university ratification process.
- Supporting staff are recruited by the panel consisting of HODs, Principal and Chairman.

Promotional Policies

Based on the staff performance appraisal, they are promoted to higher levels. Qualification, Eligibility and Salary Structure as per AICTE norms.

Institution's Strategic Plan

To translate the vision into action and accomplish the mission, AIT

- To make AIT as one super 30 institutes of VTU
- Planning to get the autonomous status for the institution.
- Provide an environment most conducive to learning and create an intellectual atmosphere in the campus. Offer techniques for converting learning into education and applications.
- Develop the personality of students to become responsible members of the Society filled with conviction, competence and commitment. Stimulate in them a spirit of inquiry to give knowledge and skills that can enrich their lives in future.
- Conduct courses relevant to the latest technology and needs of the local community.

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

6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support

4. Examination

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies**6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff****Response:**

The institution effectively implements the **welfare schemes** for the teaching and Nonteaching faculties. the following benefits are given to the teaching and non-teaching staff

1. Gratuity Benefits.
2. ESIC/ Provident Fund.
3. Group Health insurance.
4. MOU with Holy Cross hospital for emergency medical care
5. Medical Leave & Maternity leave
6. Earned Leave.
7. Gym is also accessible for the staff.
8. Transport on reasonable cost.
9. Fees concession for Employee children in AST institutions.
10. Staff quarters with no maintenance cost.
11. Canteen facility.
12. Internet and free Wi-Fi facilities
13. Individual work stations.
14. Semester end Vacations for faculty members.
15. Special Casual Leave for faculty to attend Projects, Conferences, and FDP participation
16. Staff Training & Development programs.
17. Financial assistance to the staff through Staff co-operative society.

Performance appraisal system:

The institution has 360o performance based appraisal system for the assessment of teaching and non teaching staff. The appraisal report is based on the annual performance of the employees on the basis of their academic (work) performance in terms of results, research and initiation of co curricular and extra-curricular activities. Our **PBAS** includes the following parameters to assess.

Students performance and students feedback - students' performance, to encourage faculty handling tough subjects, the result has been multiplied by a toughness factor. The toughness factor varies in accordance with the complexity of the subject. Students' feedback includes parameters like subject

preparedness, presentation and communication skills, knowledge about the subject, explaining the practical applications, using innovative teaching methodologies etc.

Self Appraisal:

In the self-appraisal, a person evaluates his own performance. The self-appraisal policy mainly focuses on major areas like

- Teaching, Learning and evaluation related activities,
- Co-curricular, Extension and Profession related activities, and
- Research and related contributions.

HOD Appraisal:

The immediate superior/HoD is in a very good position to evaluate the performance of his subordinates. The evaluation metrics includes parameters like punctuality, involvement in teaching, planning the topics in allotted time, effective classroom teaching, maintenance of documents like lesson plan, work done dairy, attendance etc. This also includes teamwork, supporting department additional responsibilities, co-curricular and extracurricular activities etc.,

HOI Appraisal:

Principal evaluates the performance of all the employees including HODs and Professors. The evaluation includes managements of staff/students, management of department documents, encouraging interpersonal relationship among staff members, leadership quality, and professionalism, ensuring that the faculty meets the college curriculum, contribution towards departmental / institutional growth, Vision and strategic thinking.

Management Appraisal:

The top management evaluates the performance of all the employees. The criteria considered are awareness of Vision, Mission, PEOs, POs, COs, Policies and Faculty hand book. In addition to these, parameters like teamwork, professional development, Involvement in research activities, reaching out to students, job satisfaction level etc. is also considered.

File Description	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: 12.92

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	3	89	2	2

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

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

Response: 36.44

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

2021-22	2020-21	2019-20	2018-19	2017-18
95	70	99	5	32

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

2021-22	2020-21	2019-20	2018-19	2017-18
21	34	5	0	0

File Description	Document
Institutional data in the prescribed format	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:

Financial Planning – Budget as a tool :. The resource planning path of AIT as follows.

- All the administrative and academic heads are requested to submit the budgets for equipment, instruments, consumables, required for the upcoming academic year, and submitted to the Principal.
- Combining the budgets received from various departments accounts department Final budget can be prepared by the accounts department, and submitting for approval of finance committee and management.
- After approvals from Finance committee and the management prioritizing allocation of resources and optimum utilization decisions are taken by the Principal.

Sources of Revenue:

- AIT is a self-financed institution, Tuition fees paid by the students is the main source of revenue.
- Alumni, also contribute to the college, through endowments, scholarships for under privileged students studying at our Institution. They also sponsorevents,medals, awards, fellowships, workshops etc., financially and non-financially.
- The Institution constantly encourages its faculty members to apply for research grants offered by various funding agencies such as DTE, AICTE, Govt of Karnataka etc., The faculty, who exhibit initiative and receive substantial grants for R&D works, or for strengthening the infrastructure in the institute.
- Grants from EDC, NSS and YRC – to organize the activities related

Optimal utilization of resources:

- Funds generated from above sources are principally used for Institution Development, maintenance and for the overall development of the institution. In case of deficiency of funds the gaps will be filled by fund transfers from parent trust and from OD facility our official bankers.
- All the expenditures are allocated according to the sections, namely Infrastructure, maintenance, salaries of the staff, research incentives, Guest lectures, industrial visits, seminars, workshops, conferences, travel grants, staff welfare, student welfare, and for the various events such as NSS camps, YRC activities, Cultural fest, graduation day, etc...

Financial Audit

- Institute has established a mechanism for conducting Internal and External Financial audit every year to ensure Financial Compliance. The Internal audit is conducted twice a year in June/December by AST - the parent body of AIT. The report of internal audit is submitted to Board of Management of AST. Pre audit objections are taken care of and cleared.
- The Management has appointed a Chartered Accountant as the external auditor for statutory financial audit of all accounts of the College. External audit is conducted after the end of the financial year during April to June. Finalization of accounts is completed by June and the audited financial statement is prepared in July. The audited statement is duly signed by Principal and Chartered Accountant

File Description	Document
Provide Link for Additional information	View Document

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:

IQAC of AIT striving to spread quality culture through quality enhancement initiatives and best practices. The IQAC meets every quarterly to plan, direct, implement and evaluate the teaching, research and publication activities in the College. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes and completed as follows:

- IQAC of AIT guided and helped the departments in establishing continuous mentoring process, in organizing student induction program to inspire the students at the entry level to define their career goals, and mission to achieve them.
- IQAC initiated & strengthened activities like industrial visits, workshops, and guest lecturers from industry experts, MOUs for students Training, Placements, Internships, Project works and Entrepreneurship development, etc.
- Apart from regular reporting of Annual Quality Assurance Reports to NAAC council, and required data to AISHE, AIT's IQAC initiated the processes for participation of the institution in NIRF, NBA, Super 30 institutions of VTU
- IQAC has developed pro forma of student feedback to gather information from the students about the courses of their study, their objectives, relevance, availability of learning resources and teaching methodology.
- Initiated to strengthen the existing Democratic and Decentralization processes by establishing and empowering various functional committees.

- Introduced Add Value courses and diversified certification programs.
- To strengthen the Community Outreach of the institution and to imbibe the social consciousness of the students IQAC initiated the subject related community activity, which gives the practical orientation of the subject and it's usage to the community.
- IQAC initiated creation of Video bank & PPT banks on concurrent developments of the various subjects at department level. Any student can access these video banks with the help of QR codes.
- IQAC initiated the shift of Library premises from isolated area to more accessible place of the campus, which increases the students' foot fall to the Library. Also initiated complete automation of Library and added more strength – by investing more in E-Journals and E-Consortiums, apart from regular stock additions.
- IQAC initiated quality audits such as Academic Administrative Audit, Energy Audit, Environment Audit, Green Campus Audit, and waste management Audit, by an independent agency approved by International Accreditation forum. The result inspired and motivated us to move forward towards sustainable development of the institute. Part of IQAC initiative the Institute taken big decision to establish medicinal plantation and Spiritual & Yoga Center in the campus.
- Development of huge eco friendly parking place for 2 wheelers & 4 wheelers separately, and Increase in the number of wash rooms for students is another achievement of IQAC initiative, towards infrastructure development.
- IQAC contributed & helped the Departments in designing the Course feedback forms for the students and feedback of other stakeholders, and ensured the action taken on the feedback & grievances registered.

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: A. All of the above

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

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

Promotion of gender equity:

- The institute has a policy of appreciating faculty without gender bias. Women faculties are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently.
- Our unique work culture, healthy traditions and ethos have led to enrolment of 52% women students and 33% women staff. Safety, security and well-being, along with gender equity and friendly working atmosphere are the prime concern to AIT
- BetiBachao, BetiPadhao awareness campaign by our girl students in nearby villages.
- Celebrations of International Women's Day with the concept of Meet Women achievers of your place, where girls interacted with District Lady Superintendent of Police, Lady CEO of ZillaPanchayath, Lady additional Deputy commissioner, Famous Lady Doctor of our town.
- Seminar on POSCO ACT to create awareness about Child Protection Policy that ensures a safe environment.
- Safety of girls is a top priority at every college campus. To ensure safety of the girl students, 24 hour CCTV surveillance is maintained in the college and hostels, to keep a check on anti social activities. Students and other employees in the college too remain cautious about the surveillance. Discipline is also maintained well.
- Girls' hostels have only female employees as wardens, supervisors and supporting staff. There is 24x7 security along with CCTV surveillance.
- Specific facilities provided for women & Girl students in the campus in terms of: a) Safety and security b) Counselling c) Common Rooms and d) Sanitary napkin dispensing machines
- AIT aims at zero tolerance against eve teasing/ragging with wide publicity and with the involvement of ICC & Anti sexual harassment committees.
- Female students are accompanied by female faculty members during the visits or programme organized outside the college campus.
- ED Cell of the Institute organizing separate workshop & motivational seminars for girl students to inspire them to become women entrepreneurs. Sessions on 'Cyber crime against Woman', 'Seminar on Sexual Harassment', 'Security Tactics', 'Educate Girls Child', 'Legal Rights on Women', and 'Rangoli competition', Smart girl workshop etc. have been organized, exclusively for the female faculty members and Students.
- ***Celebration of national and international commemorative days:***
- Every year institute celebrates National and International commemorative days, important festivals on the campus which promotes desired harmony amongst students and staff. Few selected events organized/ celebrated in the recent past are

Sl.No	Day of Celebration	Date of Celebration
1	Teachers Day	05 September, 2021
2	Engineers Day	15 September, 2021
3	Gandhi Jayanthi&LalBahadurShastrijiJayanthi	02nd October, 2021
4	Karnataka Formation Day	01st November, 2021
5	Human Rights Day	10th December, 2021
6	National Energy Conservation Day	14th December, 2021
7	National Youth Day	12th January, 2022
8	Republic Day	26th January, 2022
9	MathruBhashaDiwas	24th February, 2022
10	International Women's Day	8th March, 2022
11	National Technology Day	11th May, 2022
12	World Environment Day	05th June, 2022
13	International Yoga Day	21st June, 2022
14	KargilVijayaDiwas	26th July, 2022.
15	Independence Day (AzadikaAmruthMahothsav)	15 August, 2022
16	Teachers Day	05 September, 2022
17	Engineers Day	15 September, 2022

File Description	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
Upload supporting document	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
Upload supporting document	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:

- The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities.
- The college events like Chunchana, Young Tarang, MathruBhasha Divas, AyudhPooja, Sadbhavanadiwas, Kannada Rajyothsava, etc., meant to feel unity in diversity.
- Motivational lectures from eminent persons are invited to create awareness about national values of social and communal harmony and national integration.
- The institute is proactively taking efforts in providing an inclusive environment. Students who hail from economically weaker families are supported with fee concession, and also management scholarships.
- Our National Service Scheme (NSS) team organized different awareness programs related to Laws of the land, different acts, rights, duties and responsibilities of the citizens defined by the constitution.
- Our College Electoral Club creating awareness to the young adults to register for voters ID, and importance of casting a vote in democracy
- Our College Cultural Club Anulasya presenting the harmony among Indian arts and cultures by organizing cultural events every year.
- As an initiative of NEP Know your state, country, local history and culture is part of presentations made by our students.
- On the occasion of Independence Day and Republic Day, the constitutional values, rights and duties are discussed and disseminated among students, faculty and staff members of the university. Indian Constitution is taught in second year to all the branches. The course on constitution of India highlights key features of Indian Constitution, like directive principles of state policy, fundamental rights and duties, election commission, judiciary, union executive and the various organs of constitution. The course aims at providing general awareness about the Indian Constitution.
- The Another subject in the curriculum Environmental science taught in second year classes aimed at creating the awareness about flora fauna of this nation and responsibility towards protecting it for sustainable development. Our students participated in boot camps & competitions organized in this regard by forest department.
- AIT maintaining its own forest spread in around 20 acres of land, which is habitat of national bird Peacock, snakes, birds, and other nature dependent species. Tree Plantation is the routine and regular program of our campus every year. For bio-diversity institution initiated for medicinal plant park in the campus, which is under progress.
- AIT renders its solidarity and creating awareness among youngsters in fighting against corruption

by organizing special talks by eminent personalities.

- Institute has district bio fuel research information and demonstration center creating awareness to the local community and students about usage of bio fuel as an alternative fuel energy resource.

File Description	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:

Best Practices I: Placement Programme

Goal: To makes the students' maximum resourceful, productive and reach greater professional heights as per the need of present time.

Context: All the activities of the college inherent aim are employability empowerment of students. Hence, Placements are prime and end objective of the Institute.

Practices:

- Placeability of a student is depending on Attitude, Skills and Knowledge (ASK). Hence, we have Human Resource Department, instead of Training & Placement Cell.
- Different specialized and focused teams are working together in achieving our placement goals – (a) Departments – Adding Knowledge (b) ED Cell, and different activity forums focusing on Skill set (c) Zestech – A professional partner of our Training Programs developing positive Attitudes and etiquettes required. The typical training strategies used in this regard are :
 - Time meter – Max time required to solve a problem
 - Buzz – Stimulus to learn more
 - Twister – A time to put your thinking hat on
 - Get Set Go – Questions that keep you asking for more
 - Challenges – For those who dare to stand out from the crowd
 - Heat meter – Significance of the module with reference to Placements
 - Difficulty meter – Indicates complexity level of questions asked during placements
 - Trivia – An informative break from routine
 - Time for action – Questions to check your depth of knowledge
 - Recharge – Re-affirm your confidence on the module
 - Time to prove myself – To evaluate your mastery

Aptitude tools :

- Data interpretation and Data Sufficiency
- Directions (Time, speed, distance)
- Ratio, Proportions & Partnership
- Blood relations

Verbal tools :

- Describing people
- Introducing yourself, Greetings & Farewell
- Socializing

Soft Skills

- Team work
- Time management
- Extempore
- Resume building, E-mail writing
- Personal grooming

Evidence of Success:

Our training programs ensures that post completion of the exhaustive training schedule, each and every student is well equipped to face the industry challenges and be called as an Industry Ready Professional (IRP).

Provide web link to: Placed students list against the trained students

Problems Encountered:

- Finding **ASK combo** in one learner.
- Integration of dynamic training-learning methodologies.

Best Practices II: Digitalization Practice in the institution through

a) DHI – A SMART digital MIS platform of AIT and b) Digital mode of teaching using ICT tools.

DHI – MIS Objectives:

- To aid the integration of ICT into academic and administration purposes.
- To inculcate paperless learning ambiance
- To determine practical use of technology integration.

The Context: No one could form any theories or draw any conclusions until he/she had sufficient data in hand. Data is the basic building block of everything we do in analytics; the reports we build, the analyses we perform, the decisions we influence and the optimizations we derive. Digitalization of Institutional Practice is the only answer for this. Hence The institution embraces digitalization throughout the entire academic and administrative processes through its digital MIS platform DHI (A Sanskrit word means intellectual ability) a MIS software and other ICT tools.

The Practice:DHI is a **Simple, Monitorable, Accurate, Responsive, and Transparent** digital MIS mechanism, used in academic and administration processes. It facilitates all the stakeholders of the institute to make use of processed data and can make decisions related to.

- **For Students:** The complete processed information available for students from their campus entry to exit. For example- Admission & fee details, Program/Course curriculum, course material, Class, Lab & internal test time table, day wise attendance, Evaluation schemes and results, Mentoring, Placement information, students feedback and institution circular alerts etc.,
- **For Teachers:** For Teachers it is very useful in terms of sharing of TT, Notes, Presentations with the students, marking of attendance, mentoring, transparent continuous evaluation, result sharing and feedback with students and parents, Leave management etc.,
- **For Management:** The complete data related to Admission, Academic and HR administration available to the management with single click, which will help further in Decision making, Planning and implementation.
- **For Parents:** Parents are able access the information related to their wards regarding their attendance on daily basis and their academic performance.

- **Evidence of success:** Administrators, Teachers and learners of the institute, got benefited in terms of informed planning, decision making, staff workload management, human resource management, communication, staff & students performance and evaluation.
- **Problems encountered:**

Our MIS does have limitations, like its **developing cost, employee training time, lack of versatility, and the non involvements of end-user.**

Digital mode of teaching using ICT tools.

Objectives:

1. Changing the traditional mode of teaching learning to innovative methods
2. Making effective use of ICT

3. Developing Digital Content

4. Increasing the student's participation

5. Develop the skills and confidence of students and effective use of digital technology

6. To encourage higher-level thinking and creativity through ICT

Context: Covid -19 pandemic poses lot of challenges in front of educational institutes in general and the teaching learning process in particular. To address this issue, we decided to develop Digital learning Content and make effective usage of ICT tools

The Practice: The practice is to make the use of unique resource available with the institute Digital Content Development. Under this practice every subject teacher prepared the following digital content

1. The recorded Video Lectures

2. Department wise Video banks with QR Code

3. Department wise PPTs banks with QR Code

4. Department wise MCQ banks with QR Code

5. Department wise Question Banks

6. Department wise Study material banks with QR Code

7. Institute's You Tube Channel, Class wise WhatsApp learning groups

8. Webinars, Google Class rooms, Virtual meetings on zoom platform etc.,

9. E-Library facility with E-Books, E-Journals

Evidence of Success: Digital content using ICT tools available for student round the clock.

Problems encountered: Only ICT cannot be used to integrate and influence learners towards learning. The integration of ICT into education is a risk to the traditional book and handwriting methods.

File Description	Document
Any other relevant information	View 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:

The background of origination of Adichunchanagiri institute of Technology, Chikkamagaluru, is itself distinctive in nature. Our Adichunchanagiri Shikshana Trust Founder Chairman Paramapoojya Jagadguru Padmabhushana Sri Sri Sri Dr Balagangadharanatha Mahaswamiji, 71st Pontiff of Sri Adichunchanagiri Mahasamsthana Mutt, an ancient (2000 years old) spiritual institution of Karnataka. PoojyaMahaSwamiji believed that Gyana (Knowledge) and Karma (Dutifulness) which are the salvation paths of human beings. Based on this philosophy, instead of building only the temples, PoojyaMahaswamiji opened affordable educational institutes across the state specifically in rural parts. AIT is one such institute started in rural area of Chikkamagaluru, with the inclusion and support of local community aimed to provide quality engineering education to the poor and deprived sections of the society. At Present Sri Adichunchanagiri Shikshana Trust running more than 475 educational institutes as mahagyanayagna included Primary, Secondary, Higher Secondary, Pre-university, UG-PG, Engineering, Medical (Modern medicine, Ayurvedic), Skill oriented courses, Research institutes, Hospitals and ancient Vedic and spiritual courses, across the nation and also having global presence in recent past and more than 1,25,000 students are being benefited through these temples of learning. Sri SriSriMahaswamiji social consciousness is also led the Trust to start Blind residential schools, Orphanages, Cow shelters, Cultural & Folk lore festivals, Protection & encouragement of rural traditions, customs, rituals etc. As a founder of KaranatakaVanasamvardhana Trust ® Sri SriMahaswamiji contributed for plantation of more than 5 crore saplings across the state. Akshara (Education), Anna (Food) and Aarogya (Health) dasoha (Service) is routine and regular service of the Sri AdichunchanagiriMahasamsthana Mutt. For the contributions of PoojyaMahaSwamiji, The Govt of India honoured him with third highest civilian award Padma Bhushan in the year 2010. The Successor of Sri SriSriDr.BalagangadharanathaMahaswamiji and 72nd Pontiff of SriAdichunchanagiriMahasamsthana Mutt, Sri SriSriNirmalandanathaMahaswamiji – is a gold medalist in M.Tech from IIT-Chennai, leading the trust from the front to continue the rich legacy founded by his predecessor. In continuation of the values propounded by the Mutt, Sri SriSriMahaswamiji constituted BGS VidyaNidhi (A fund to honor the toppers of SSC & PUC), Jyan-Vigyana-TantragyanaMela (an annual exhibition of Knowledge, Science &Technology) to stress the integration of Science and technology with spirituality among young students of the state. The award Vignatham also constituted to honor the achievers in various fields. ChunchandriKalothsava is another such event, where students from AST institution can participate and showcase their talents in Indian Arts & culture, and be awarded.

The basement of AIT is stood on the value system propounded and guided by our great saints. AIT is proudly claims that, we also part of contributing and continuing the rich philosophy of our founders towards service of human kind – especially in the field of Technical education. Some of the highlighted contributions of our institute towards society, keep us very much distinctivewith other players in the

industry.

1. **Rich Experience of the Institute** - First engineering college promoted by our trust started in the year 1980, our institute is 40+ years old and one of the premium technical institute of Karnataka.
2. **Employee Loyalty** – A generation started their service with AIT in 1980, at various levels worked with the institution till their retirement. Even in today’s world of opportunities and no loyalty attitude this feature is continuing by current generation employees. This rare feature distinct us with other counterparts of our industry.
3. **Student – Teacher relationships:** Because of the empathetical approach guided by our philosophy, and attitude building of our students apart from training of knowledge and skill, there is zero conflict environment in the campus among all the stakeholders. Students have the freedom of expression related to their issues, and faculty have the privilege to guide their students towards righteousness.
4. **Teaching – Learning Achievements** : 98% of End results, More than 160+ University ranks, 90% of placements among eligible showcase our strength of our teaching learning processes.
5. **Huge Alumni Base** : as 40 years old of institution, AIT is having the huge alumni base spread across the globe (Wherever you go you find an AIT alumni). Our alumni’s are Academicians, Entrepreneurs, Intrapreneurs, Business leaders, Farmers, Service contractors, Spiritual leaders, Technocrats, Beauocrats, Administrators, Political Leaders, and Philanthropists so on. As a whole they all good human beings serving and contributing to the societies where they lived in. They also very supportive to the institution in terms by providing skill orientation session, Academic Expert session, Industry expert session, Internships, Placements, Event Sponsorships, Merit & Poor student Scholarship, suggestions & feedback on institute policies. One of our Alumni also started a start-up company in the campus to train the students with internships and projects. This is the result of value system we are practicing at the behest of our foundation.
6. **Jyan-Vigyana-TanthragyanaMela** : This annual forum created for our students by our Trust, gives greater opportunity to create and exhibit their innovations & creations with the help science and technology, is comparatively a unique one. Our students exhibits, Projects got laurel from the visitors and boost the morale and confidence of our students.
7. **Green Campus with learning ambience and safety:** No doubt, Located in Chikkamagaluru (Malnad region), recognized as 2nd best place to live by UN, our 58 acres of the campus surrounded by green hills, with well maintained lawns, natural gardens and state of art infrastructure with ICT tools having the boutique impression and positive impact on motivational learning. Electronic Surveillance system added safety feature to the campus. Simply to say Every AITan feels “Our campus – Our Pride”.
8. **Eco friendly Environment:** AIT campus developed by keeping in view the concept of environmental sustainability. Maintained that built area doesn’t affect the environment. The campus includes 30 acres of naturally grown forest and institution adding additional 500 – 1000 saplings every year to the existing as part of our social responsibility. We have check dams for water conservation, Good sewage system, Bio-diesel plant meant for our emission less transport system, Solar lightings, and our hostels supporting bio-fertilizer plant in a village promoted by a progressive farmer by supplying food waste.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

With a built up area of 39,610 Square Metres the College has an impressive array of facilities, classrooms, and laboratories. The campus have ample provision for academic and administrative areas, staff and student amenities, sports facilities, utilities and services, plantations, parks, an amphitheatre, several seminar halls, a common assembly hall. The institution is highly appreciated for the beauty and cleanliness of its campus, and its maintenance. Development with Eco-Consciousness and Sustainability is resulting in a truly Green Campus. Tech savvy Classrooms, well equipped Labs, Internet and ICT resources, ERP and Intranet Facilities, Library Resources access to thousands of books, e-Journals, subscribed databases, consortium materials, E-resources and reference books

Concluding Remarks :

To translate the vision into action and accomplish the mission, AIT strategized

- To make AIT as one super 30 institutes of VTU
- Planning to get the autonomous status for the institution.
- Provide an environment most conducive to learning and create an intellectual atmosphere in the campus. Offer techniques for converting learning in to education and applications.
- Develop the personality of students to become responsible members of the Society filled with conviction, competence and commitment. Stimulate in them a spirit of inquiry to give knowledge and skills that can enrich their lives in future.
- Conduct courses relevant to the latest technology and needs of the local community.