



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

## **ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES**

BACK SIDE OF RTO OFFICE, MULAVANKA, RAYACHOTY ROAD,  
CHINTHAMOKKA DINNE VILLAGAE POST, KADAPA, YSR DISTRICT,  
ANDHRA PRADESH - 516003

516003

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**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Annamacharya Institute of Technology and Sciences (AITS) located in Utukur (P), C.K.Dinne (V & M), Kadapa in a sprawling 10.1 acre campus area with lush lawns, beautiful landscape, aesthetic architecture and captivating infrastructure was established in 2010 by Annamacharya Educational Trust founded by Sri C. Gangi Reddy, Founder and honorable secretary. AITS is a self financed premier institution among the affiliates of Jawaharlal Nehru Technology University Ananthapuramu representing a rich tradition of excellence in technology-based education. The College offers five UG Programmes (Civil, Mechanical, ECE, CSE, EEE) with total sanctioned intake of 300 with effect from AY 2010-11 and 6 PG programmes (St. E, E.P.S, Th.E, VLSI&SD, CSE & CS) with total sanctioned intake of 132 with effect from AY 2013-14. The College is one among the most preferred for admissions by the students securing top ranks in the state level entrance examination. Annamacharya Institute of Technology and Sciences in its 11 years of existence has attained a reputation as being one of the best institutes in Kadapa District and in the State of Andhra Pradesh. The college is constantly thriving to improve quality in technology education under the governance of progressive management. College has excellent infrastructure with latest equipment in all the laboratories of all the departments, well furnished library, attractive sports facilities both indoor and outdoor in addition to hygienic canteen. AITS epitomize an exemplary setting for higher learning.

### Vision

To emerge into excellence meeting the changing needs of society by fostering on its traditions of knowledge, innovation, problem solving, professional and technological acumen, and discipline. Transforming individuals into highly enlightened professionals enriched with innovative skills entwined with intellectual, ethical and humane sensitivities.

### Mission

- Our primary mission is to move frontiers of technological knowledge, enrich and elevate the rural education seekers, endow them with technical skills, ethics, innovative thinking and leadership qualities enabling them to utilize their competencies for the sustainable development of the nation and mankind.
- Emerge into premier institution by imparting quality technical education to enhance knowledge and employability skills.
- Promote upgradation of teaching and research skills to cater to the social needs.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Focused Vision & Mission
- Well developed infrastructure
- Qualified and experienced faculty & dedicated staff.

- Quality students are admitted
- Good academic culture, ambience and working environment leading to high satisfaction of students and faculty.
- Management supports in upgradation of faculty qualifications and encourage good academic practices
- The administrative and management policies and controls are well established leading to an effective execution
- Well defined organizational structure with functional statutory bodies, respective cells and committees for visualization of strategies
- Campus placements are adequate
- Students career counseling for studies is well organized and structured
- Students are given awards and rewards for merit achievement
- Mentor system focused on regular monitoring of attendance of students and their performance in examinations
- Reputation and prestige of the college is rated high by students for its overall training holistic development and academic results
- Institute location is accessible to all the stakeholders
- Competency development cell (CDC) provides training to students to enhance the skill of individuals
- Digital library with e-learning resources
- Wi-fi enabled campus

### **Institutional Weakness**

- R & D and consultancy activities are limited and research culture needs to be strengthened.
- Limited comprehensive Academic ERP System.
- Industry-Institute interaction.
- Considerable number of students are from rural background with a dearth in communication skills

### **Institutional Opportunity**

- Scope for consultancy, collaborative R&D projects, sponsored research, academic interaction, student internships etc.
- Use its alumni base for institutional growth
- Preparing students for competitive exams like GATE for securing admission into reputed colleges
- Ph.D programmes offered by many public and private universities

### **Institutional Challenge**

- Establishment of higher educational institutions, Private and Deemed Universities can cause unduly competition leading to the migration of students from this region
- Quality of student intake in certain departments are challenging due to change in personal preferences
- Change in mindset towards R & D
- Limitation in financial resources
- Tough competition in research funding opportunities
- As tuition fee is regulated, resource base could be affected
- Uncertainties in employability due to imbalance in development of certain disciplines

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The curriculum for the five undergraduate programs of engineering have been formulated in accordance with the guidelines of AICTE, affiliating university and is in tune with the vision and mission of the Institution.

Considering the technological advancements, the curriculum for the undergraduate programs of engineering is shaped in the form of Humanities, Basic and Engineering Sciences, Mathematics, Professional Core, Professional and Open electives and Skill development courses. The emphasis is on overall development and knowledge acquisition. The curriculum also includes, Mini projects, laboratory and project work, technical report writing, and training in latest software's and technologies which is offered under technical skills.

The core subjects in the curriculum provide technical knowledge in the chosen program. Students learn important concepts in professional core subjects and advanced concepts in professional elective subjects.

With a view to promote self-learning, students are required to complete at least one online certification course of minimum eight weeks duration from SWAYAM /COURSERA. The students are also encouraged to participate in technical symposiums, take up internships and involve in NSS events and join in extra-curricular clubs which aim at enhancing their inherent creative talents.

The curriculum imparts transferrable and life skills through subjects such as Human Values and Professional Ethics, Skills Development courses - Soft skills, Communication skills and Technical skills, Economics and Finance and co-curricular activities which train students in all aspects, striving towards technological and human excellence.

Choice based credit system has been implemented in all the programs since **2016-17**. The success of curriculum design and development towards employability can be gauged through increase in net selections in placements and gradual improvement in the average pay-package, and also by admissions into higher educational institutions both in India and abroad.

Post graduate engineering programs are designed with advanced core and elective courses along with emphasis on laboratory and research work. The curriculum of postgraduate courses includes all the aspects outlined above.

### Teaching-learning and Evaluation

The quality of students seeking admission has been improving year on year which is evident by the ranks of the students joining. As they are from diverse backgrounds the institution is providing academic and other support. Remedial classes are conducted for slow learners. Bridge courses are organized for the lateral entry students. The advanced learners are encouraged to participate in Hackathons/Design contests etc. The institute follows a Mentoring system in which around twenty students are assigned to each faculty and he/she functions as their local guardian.

The institute has a policy of recruiting well qualified and experienced faculty as per AICTE norms and this has contributed to improving the Teaching-Learning process. The institute maintains the requisite teacher-student ratio. The courses are assigned to the faculty based on their competencies and specializations. Teachers prepare an elaborate course plan, lesson plan and handouts as part of the academic schedule. Innovative processes in Teaching and Learning like ICT tools and modern pedagogical techniques are adopted by the faculty. Learning Management System (LMS) is implemented for enriched student-teacher interaction.

To bridge the gap between the curriculum and the industry requirements, discipline specific technical training programs are conducted. To further strengthen students' domain knowledge guest lectures, workshops, conferences etc. are organised.

As an autonomous institute, the examinations and evaluation system follow systematic rules and regulations which are revised from time to time making the system more efficient.

A set of PEOs, POs and PSOs are formulated for every programme based on the 'outcome based education' approach. Course objectives and outcomes, are prepared for each course following the appropriate levels of Blooms taxonomy. The CIE and SEE question papers setters also follow various levels of Bloom taxonomy such as Application, Analysis and Evaluate, so as to set quality questions which do not cater to the rote-learning method. Systematic procedures have also been devised for assessing the attainment of PEOs, POs, PSOs and COs. The appropriate corrective measures are implemented based on the attainment levels perceived every year.

With all these efforts the pass percentage of students has increased resulting in good placements and employability.

### **Research, Innovations and Extension**

The Institute has a vibrant Research environment with linkages to Government R&D Institutes, Industry and Consultancy agencies. The Institute has an approved R&D policy document to provide important information to the faculty and staff about R&D objectives, schemes, available resources and financial benefits. The Institute has formed Research Coordinators Committee and an Industry Institute Interaction committee for promoting and directing Research and Consultancy. The faculty gets to share the generated revenue according to defined revenue sharing policy. Original Research work is ensured through well publicized plagiarism policy document.

For Entrepreneurship activities, funding was released under the aegis of National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi. An amount of 0.4 Lakhs was sanctioned for conducting Entrepreneurship Awareness camp in 2018-19 and 2019-20. The Institute has 06 (perpetual & time bound) functional Memoranda of Understanding (MoU). The Institute encourages the faculty to undertake research by providing seed money, access to laboratories and research facilities. The Institute provides academic leave, for pursuing doctoral work, permission and financial support to attend conferences for paper presentation and Faculty Development Programs (FDP). AITK faculty has published 172 papers in UGC recognized journals and 259 in other journals besides 264 papers presented in national and international conferences.

A total of 24 extension activities for the community were conducted in the last five years besides organizing several blood donation camps. 84.75% of students on an average participated in these activities through NSS unit.

## **Infrastructure and Learning Resources**

The institute has ICT enabled classrooms, well equipped laboratories, sports facilities and good infrastructure spread over 10.1 acres with lush lawns, beautiful landscape, aesthetic architecture and eco-friendly environment. The classrooms are well-furnished, spacious with good ventilation and are well illuminated. They are maintained as per norms for proper visibility and audibility.

The college has five seminar halls and one conference hall and one Auditorium. All seminar halls have different seating capacity, and these are equipped with ICT facilities. Digital boards have been installed at selected locations. The college has an exclusive seminar hall established under a Quality Enhancement in Engineering Education (QEEE) program which is equipped with advanced ICT facilities for conducting QEEE classes, NPTEL video lectures, IUCEE webinars etc.

The college has established a high-speed campus-wide network connecting all departments with 498 systems. Full access is provided to all staff to access online sources of services and information through two leased lines each of 40 MBps from BSNL and also a 40 MBps Broadband from CPC FIBERNET. CCTVs installed at strategic places help to monitor the campus activities. The Institution has power management department to ensure uninterrupted power supply and maintenance of electrical assets. The Institution has power house installed with one Diesel Generator of ratings 125 kVA and solar power with an installed capacity of 100 KWp. The maintenance of equipment like Diesel Generator Sets, Power Distribution Systems, Elevators, Air-conditioners, Fire-Fighting Equipment, Drinking water, Water-coolers and Solar Panels etc. is undertaken by authorized vendors under annual maintenance contract (AMC). The Institution provides Cafeteria, Books & Stationary and Transport facilities which include 08 buses for all students and staff.

The institution has a central library with a floor area of 400 Sq.m with a reading space 200 Sq.m. The Library also has a collection of more than 2915 titles, 16700 volumes and subscribes to 5000 E-Journals such as ASME, ASC, Elsevier, IEEE etc. 3000 E-Books and 60 printed Journals & magazines. The E-Journals can be accessed through LAN (campus wide network) and also remote access with multi-user facility by all the students and staff.

## **Student Support and Progression**

The key aspects as below describe the steps taken by the institution to provide necessary assistance to the students in terms of academics such as providing meaningful experiences for learning at the campus facilitating holistic development and progression. It also aims at student performance and alumni engagement and the progression of student for higher education and/or achieving employment.

1. The economically and socially challenged students are provided with financial assistance by State and Central Government Agencies based on certain economic criteria. Financial assistance is also given by college management to the needy students through Equity Action Plan .

2. The capability enhancement and development schemes include skill development courses: communication skills, soft skills, and technical skills and structured CRT programs. Co-curricular and Extracurricular activities are also embedded into the system for an overall development of a student.

3. Remedial coaching is provided for academically weak students so that they can improve in their academics. Bridge courses are conducted for lateral entry students in the II year to address the curriculum gaps between diploma and current course of study.
4. The institute follows a Proctorial system in which around twenty students are assigned to each faculty. Besides this, personal counseling is given to students through a qualified professional Student Counsellor.
5. The consistent academic and other support rendered, has resulted in increased net selections in placements and gradual improvement in average pay package. Performance in competitive exams has also increased resulting in admissions into Higher Educational Institutions both in India and Abroad.
6. A plethora of sports and cultural activities / competitions are organized by the institution every year wherein the students play an important role in planning and organizing.
7. The institution also has a transparent mechanism for timely redressal of student grievances. Students are represented in several academic & administrative bodies/committees of the institution. The committees are Class Review Committee, Library committee, Anti ragging committee, Canteen committee, IQAC, Women Development cell etc.
8. There is also a registered Alumni Association (AITS Kadapa old students association alumni) which contributes significantly to the development of the institution through financial and non financial initiatives.

### **Governance, Leadership and Management**

The institute has a well-defined organizational structure and the policies of the management committee and Board of Governors are implemented by the Principal with the help of Heads of the Department and various committees constituted for specific purposes. Faculties are represented in the BOG, Academic council and Board of studies as part of participative management. As part of decentralization, representatives of faculty, nonteaching staff and students participate in various Committees of the institution. E-governance has been implemented for the purpose of admissions, finance and accounts and examinations using the in house developed software.

The college implements several welfare measures for the faculty and staff for their personal and professional growth. These include Gratuity, maternity leave for women, provident fund etc. and financial support for higher education.

Faculty are encouraged to attend faculty development programs, Refresher courses workshops, conferences etc and are financially supported by the way of providing on duty, travelling allowance, daily allowance, registration fee etc.

Professional development programs are conducted for teaching faculty and administrative / technical training programs for non-teaching staff.

The faculty is also encouraged to enhance their educational qualifications by reducing their work load, adjusting their time table and providing academic leave with pay.

The institute has a well-defined performance appraisal system for faculty and non-teaching staff. The institute



has a well-defined policy for budgeting and audit including internal and external auditing.

An IQAC cell formed immediately after becoming autonomous looks after quality aspects in the institute. The IQAC regularly reviews the teaching learning process evaluation and assessment , structure etc. and as a result new courses have been introduced with an aim to enhance not just the quality of placements but also to develop their knowledge, skill sets and overall personality.

The institute has been participating regularly in the ranking of higher educational institutions instituted by MHRD. All the six undergraduate programs and three of the six post graduate programs have been accredited by NBA and are live.

The institute has formulated a strategic plan and continues to implement it for its overall development.

### **Institutional Values and Best Practices**

The institute has a well-defined organizational structure and the policies of the management committee and Board of Governors are implemented by the Principal with the help of Heads of the Department and various committees constituted for specific purposes. Faculties are represented in the BOG, Academic council and Board of studies as part of participative management. As part of decentralization, representatives of faculty, nonteaching staff and students participate in various Committees of the institution. E-governance has been implemented for the purpose of admissions, finance and accounts and examinations using the in house developed software.

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## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Address	Back Side of RTO Office, Mulavanka, Rayachoty Road, Chinthamokka Dinne Villagae Post, Kadapa, YSR District, Andhra Pradesh - 516003
City	KADAPA
State	Andhra Pradesh
Pin	516003
Website	<a href="http://www.aitskadapa.ac.in">www.aitskadapa.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	A. Sudhakara Reddy	08562-201003	9603999591	-	aitskadapa@gmail.com
IQAC / CIQA coordinator	S. Mohan	08562-201005	6301760703	-201005	smohanyadav2012@gmail.com

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	
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Date of establishment of the college	14-07-2010			
<b>University to which the college is affiliated/ or which governs the college (if it is a constituent college)</b>				
<b>State</b>	<b>University name</b>	<b>Document</b>		
Andhra Pradesh	Jawaharlal Nehru Technological University, Anantpur	<a href="#">View Document</a>		
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>		
2f of UGC	22-07-2016	<a href="#">View Document</a>		
12B of UGC				
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
AICTE	<a href="#">View Document</a>	25-06-2021	12	

<b>Details of autonomy</b>	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

<b>Recognitions</b>	
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

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Back Side of RTO Office, Mulavanka, Rayachoty Road, Chinthamokka Dinne Villagae Post, Kadapa, YSR District, Andhra Pradesh - 516003	Rural	10.1	22484

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/ Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BTech,Civil Engineering	48	Intermediate	English	60	8
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	60	12
UG	BTech,Mechanical Engineering	48	Intermediate	English	60	3
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	120	74
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	165
UG	BTech,Artificial Intelligence And Data Science	48	Intermediate	English	60	54
PG	Mtech,Civil	24	B.E or	English	24	3

	Engineering		B.Tech			
PG	Mtech,Electrical And Electronics Engineering	24	B.E or B.Tech	English	24	0
PG	Mtech,Mechanical Engineering	24	B.E or B.Tech	English	24	3
PG	Mtech,Electronics And Communication Engineering	24	B.E or B.Tech	English	24	3
PG	Mtech,Computer Science And Engineering	24	B.E or B.Tech	English	18	7

**Position Details of Faculty & Staff in the College**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	4				5				112			
Recruited	3	1	0	4	4	1	0	5	61	51	0	112
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				39
Recruited	19	20	0	39
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				10
Recruited	8	0	0	8
Yet to Recruit				2

### 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	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	1	0	4	1	0	4	1	0	14
M.Phil.	0	0	0	0	0	0	2	0	0	2
PG	0	0	0	0	0	0	55	50	0	105

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	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

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	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



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

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

<b>Programme</b>		<b>From the State Where College is Located</b>	<b>From Other States of India</b>	<b>NRI Students</b>	<b>Foreign Students</b>	<b>Total</b>
UG	Male	206	0	0	0	206
	Female	110	0	0	0	110
	Others	0	0	0	0	0
PG	Male	7	0	0	0	7
	Female	9	0	0	0	9
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Programme</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	18	11	7	8
	Female	8	13	11	7
	Others	0	0	0	0
ST	Male	0	2	2	3
	Female	0	3	0	0
	Others	0	0	0	0
OBC	Male	121	137	115	95
	Female	69	52	52	41
	Others	0	0	0	0
General	Male	87	79	80	46
	Female	82	69	70	54
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		385	366	337	254

### **Institutional preparedness for NEP**

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The main aim of Multidisciplinary/Interdisciplinary education system is the comprehensive development of students in the ways of intellectual, aesthetic, social, physical, emotional, cultural and moral in an integrated manner. The students of engineering are intended not only to train in their respective core branches but also make them to have a closure approach on the grounds of humanities, arts, languages along with the soft skills that evoke the leadership qualities as well as righteous conduct. AITS, KADAPA is profoundly offering 4-years engineering multidisciplinary Bachelor's program in co-ordination with constitutional, environmental, universal human values to instill the nonviolence,</p>
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	<p>scientific temper, life skills and citizenship values as part of the curriculum. Research methodology is also given much importance to motivate the students towards research on their interested domains. Students, in our college are never restricted to technical interests instead they are guided to pursue either higher degree or research even in Mathematics, Physics, Chemistry, English, and Management hence the students are approaching the respective faculty members to meet their interests. Seminars, Conferences, Workshops and Webinars are organised in all departments including humanities and sciences to engage the students actively with practical side of their learning and presenting their works in the form of papers to improve further employability. Our institution has sufficient experimental lab and research environment with highly qualified faculty members as suggested by the HEI besides research experiences are in progress in various departments.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>A pioneer and philanthropist, our Prime Minister Sri. P. Narendra Modi, had launched the Academic Bank of Credits on July 2020, which acts as a boon to the students as it provides more feasibility for their education through multiple entries and multiple exits in various courses. This plan allows the students for blended mode of learning to avail the credits from various HEI's registered courses at a time. Our faculty members encourage students to enroll in the online courses such as SWAYAM, NPTEL, V-LAB and MOOC recognised by the HEI. Undergraduate and graduate students from different departments have gained credits from the above mentioned courses at the time of pursuing their respective graduation courses. As the world is becoming increasingly interconnected, the students must get the Global Citizenship Education to comprehend the contemporary global changes and job security. This ABC will provide the students such opportunities for employability throughout the globe and our college is ushering and motivating the students in that perspective.</p>
<p>3. Skill development:</p>	<p>A remarkable vision on youth is to make them atmanirbhar (self-reliant) can be achieved through skill development program which is strongly believed by our Prime Minister and it is interpreted as part in NEP 2020. Students in our AITS college, Kadapa are trained in carpentry, plumbing, electric circuit</p>

	<p>fixation, and mixing concrete in laboratory under the guidance of the subject experts as part in their curriculum. This practical knowledge added more impetus to their vocational performance along with the theory what they have learnt in their graduation course. Our college management is not only constrained in extending the vocational oriented practice to our students but also envisaged the skill development in youth students by permitting them in college premises with their vocational exercises in our labs. This vocational experience enriches the ambition of the students as an entrepreneur and hence the unemployment rate will look floor.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>According to NEP 2020, bilingual method is applicable in accomplishing the under graduate and graduation courses. Medium of instructions in our college is followed by the bilingual method but the students are instructed to improve their communication skills. Our library is consisting volumes to improve the communication skills in students. As NEP suggests that students' holistic development involve the sensitization of the students with the culture. Our management is organizing the cultural activities such as Sankranti Sambaralu, Traditional Day on various occasions. Students are participated in different activities and will encourage with prizes. Respecting elders is our custom and our college celebrates Women' day, Teachers' Day and Engineers' day. In these occasions also students are equipped with the knowledge provided by the resource persons and enjoyed the events.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The under graduation and graduation courses are adapted in our college as prescribed by the JNTUA. Courses outcomes are evaluated in the form of internal and external mode of examinations besides conducting seminars, and presenting papers in conferences by the students. The students' comprehensive evaluation is done in our college through various forms such as elocution, essay writing, drawing and poem writing. Leadership qualities in students are observed through their performance in NSS activities.</p>
<p>6. Distance education/online education:</p>	<p>Online education mode is in active at the time of pandemic situations. Students were connected with the faculty members and gained knowledge on subjects. Students are motivated by the faculty</p>

members to bag credits by their active participation in the vocational courses like NPTEL, SWAYAM and MOOC.

NAAC

## Extended Profile

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### 1 Program

#### 1.1

**Number of courses offered by the Institution across all programs during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
597	580	545	516	461
File Description		Document		
Institutional data prescribed format		<a href="#">View Document</a>		

#### 1.2

**Number of programs offered year-wise for last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
11	10	10	10	11

### 2 Students

#### 2.1

**Number of students year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1141	1011	836	773	757
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
310	322	292	232	340

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 2.3

#### Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
201	157	235	219	210

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 3 Teachers

### 3.1

#### Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
134	145	113	110	93

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.2

#### Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
134	145	113	110	93

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 4 Institution

### 4.1

#### Total number of classrooms and seminar halls

**Response: 41**

**4.2**

**Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
710.51	232.98	85.34	75.42	43.76

**4.3**

**Number of Computers**

**Response: 495**

NAAC



## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

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

##### Response:

Our institution follows the curriculum and syllabi prescribed by Jawaharlal Nehru Technological University Anantapur (JNTUA) Anantapuramu. The Institution meticulously develops action plans for effective implementation of the curriculum and highest priority is given for academics. At the outset the Principal, Head of the departments along with faculty members conduct meetings to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods including power point presentations, assignments, discussions, workshops, seminars, projects, internships, industrial visits, e-learning apart from regular/traditional chalk and talk methods. The detailed process is mentioned below:

**Academic Calendar-** The academic calendar of the Institution reflects various curricular activities planned during a semester which is based on the University calendar.

**Department Calendar-** All departments prepare Department calendar containing both curricular and co-curricular activities which will be organized in the semester.

**Class Committee-** All the faculty prepares prerequisites, lesson plan, question bank and assignments as per the standard template well in advance for their subjects. These are duly checked by respective heads of the departments and chief course instructors along with curriculum refinement committee members. Faculty will upload these documents in their respective groups/web.

Every month will have the class committee comprising class teacher, student representative, best average and slow learners. Head of the department along with class subject teachers thrice in a semester to review uniform and full coverage of the syllabus and grievances if any, and suitable remedial measures are taken as and when necessary.

**Meeting-** The Department meetings, Class Committee (C.C), and principal meetings are organized twice a semester to review the action plans in an effective manner.

##### Process of Implementation:

1. Academic calendar will be followed effectively and all the faculty ensures coverage of syllabus as per the lesson plan. Lesson plans and course files will be reviewed by class committee members on continuous basis to ensure effective syllabus coverage.
2. Faculty updates like day wise topic covered activity in attendance registers to keep track of the progression of the curriculum effectively.
3. After every internal test the head of the department along with class teachers assess the results and inform the progress of students to parents. ICP classes will be conducted for slow learners which

helps them to improve their performance in university exams.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

#### Response:

The Institution ensures effective curriculum delivery through

- Conducting Regular reviews on the performance of the faculty
- Collecting Feedback from the students every semester
- Regular meetings are conducted by head of the departments and the faculty for effective curriculum delivery.

The institution ensures transaction on the Curriculum by

- Updating laboratory facilities
- Using ICT based pedagogical tools
- Integrating hands-on work experience in all the practical subjects
- Providing high speed LAN and Wi-Fi network connectivity
- Encouraging faculty to participate in subject related workshops
- Motivating the students for Implant trainings in companies
- Encouraging the students to participate in technical events/competitions organized in-house and outside the campus
- Providing special/remedial classes for slow-learners
- Institute organizes teacher-training programmes by Life skills institutes, professional counseling institutes etc.

The college has established effective communication with all the stakeholders to ensure that the objectives of the curriculum are achieved in the course of implementation. The institution analyses and ensures that the state objectives are achieved through following yardsticks-

- The best performance of our students in the placement interviews, on job responsibilities, performance in higher education in the world's best universities are a testimony to their ability to work in multidisciplinary problems, strong experimental skills, to develop practical applications and use of theoretical knowledge in the right way to implement the modern technology.
- The emphasis on the strong fundamentals in the respective fields and its applications to solutions of problems has created Innovative thinking among the students. It is further strengthened by introducing Projects/Mini Projects/Internships at various levels. Curriculum has courses that motivate the students to become Entrepreneurs also.

- The strong thrust on the Innovation & Product Development by the Faculty at the departmental level through interdisciplinary research has increased the research activities & interest among the student community which has yielded in many research publications, products development and innovative ideas.
- Introduction of seminars and workshops in the curriculum has motivated the students to go through the literature in advanced research areas as well.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

**1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years**

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

**Response:** B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

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

**Response:** 100

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

**Response:** 11

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.2.2 Number of Add on /Certificate programs offered during the last five years

**Response: 54**

#### 1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
11	10	11	11	11

File Description	Document
List of Add on /Certificate programs	<a href="#">View Document</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

**Response: 11.92**

#### 1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
142	152	113	65	77

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 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 Cross-Cutting issues related to professional Ethics, Gender, Human Values, Environment and Sustainability etc., finds an copious space when it comes to applying those courses emphatically into the curriculum. We are encouraging our beloved students not only to focus on engineering subjects but also motivating on to the social issue topics.

As our college is functioning according to JNTUA norms, besides following these subjects into the curriculum, we are making the habit to students to have practice on hands, creating awareness related to Gender equality by giving orientation program, live session's of interactive programs, Personality development programs, Environmental awareness program like Swachh Bharth, Plantation, Blood donation Program, Campaigning of Vaccination of COVID-19, Importance of Voters on election day, Integration day by participating in Republic day events, Independence day events , Teachers day, Engineers day, Women's international day etc., Some of the subjects include credits and non-credits for the subjects which were distributed among I, II, III and IV-year B.Tech and M.Tech students. Our Institution focus on the caliber of the students not only in the studies but also in the real life by giving CRT programmes, training in Spoken English for communication purpose, employability skills etc.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View Document</a>

### 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 52.72

#### 1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
288	285	285	280	275

File Description	Document
Programme / Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	<a href="#">View Document</a>

<b>1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b>	
<b>Response:</b> 17.88	
<b>1.3.3.1 Number of students undertaking project work/field work / internships</b>	
Response: 204	
File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	<a href="#">View Document</a>

## 1.4 Feedback System

<b>1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni</b>	
<b>Response:</b> A. All of the above	
File Description	Document
Any additional information (Upload)	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

<b>1.4.2 Feedback process of the Institution may be classified as follows: Options:</b>
<ol style="list-style-type: none"> <li>1.Feedback collected, analysed and action taken and feedback available on website</li> <li>2.Feedback collected, analysed and action has been taken</li> <li>3.Feedback collected and analysed</li> <li>4.Feedback collected</li> <li>5. Feedback not collected</li> </ol>
<b>Response:</b> A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

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## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average Enrolment percentage (Average of last five years)

**Response:** 42.44

##### 2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
332	239	286	219	154

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
612	636	576	456	678

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy ) during the last five years ( exclusive of supernumerary seats)

**Response:** 41.29

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

2020-21	2019-20	2018-19	2017-18	2016-17
183	103	136	112	70

#### File Description

#### Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)



## 2.2 Catering to Student Diversity

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

#### **Response:**

Weak students and bright students are identified based on their performance in the Mid Term and End Semester Examinations. Remedial Classes are conducted to slow learners.

**Remedial Classes:** In order to help the weak students, necessary steps including remedial classes (based on their results in Mid Tests) are in practice. This is being conducted continuously for weak students after Mid test I onwards and it is observed that the performance of those students is improving.

**Outcome of Remedial Classes:** It is observed that 80% of the above mentioned students cleared almost all subjects in the end semester examination after the successful completion of remedial classes which involves practice sessions along with motivation. This is in addition to the regular classes conducted as per the regular time table. Class tests are also being carried out on a regular basis for all the courses based on the difficulty of the subject to help the weak students and to make them more confident in the subject.

#### **Methodology Adopted to Encourage Bright Students:**

Bright students are encouraged in the following aspects to make them excel in academics as well as on the research front. Bright students are encouraged to give technical seminar on advanced topics related to the course of study in the class room. They are also encouraged to participate in inter and intra institute technical events like paper and poster presentations to showcase their skills and talents. Students are encouraged to participate in different innovative project/product development contests with the guidance of faculty members to develop prototypes using latest technologies which provide solutions for real time problems, beyond the curriculum. Students are encouraged to participate in National level and International level competitions advanced learners are provided with training in Programming to enhance their technical skills

To encourage students in all aspects some of the add-on courses are introduced such as:

#### **Add-on courses:**

- Discrete Mathematics
- Automation and Robotics
- Artificial Intelligence
- CAD/CAM,

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Past link for additional Information	<a href="#">View Document</a>

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

**Response:** 9:1

File Description	Document
Any additional information	<a href="#">View Document</a>

## 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

**Response:**

Presentation in the form of seminars, preparation of models for different types of equipment, visit industries for better understanding of concepts, guest lectures from eminent personalities working in relevant fields and technical paper reading, report writing etc. make the student understand and learn better. Several methods have been adopted for innovative teaching and learning:

Research & Development Cell is established at institute level to promote research innovation and consultancy activities. The institution has scale up Classroom facilities to enhance participative and collaborative learning. Programming courses are conducted in the scale up Classrooms to enhance participative learning from their peer group. Video lectures, animations and webinars are incorporated based on the needs of the course by the faculty members. This helps the students to learn concepts in a better way, enrich self-study methods and improve analytical skills.. Video lectures delivered by varied eminent resource persons are available within the digital library. The faculty and students are encouraged to utilize ETutorials of NPTEL.

Project-based-learning helps students make prototypes/working models of different systems for real time applications. Students are encouraged to do projects to enhance qualities such as technical competencies, team work, presentation and communication skills. To promote self-learning, the institute supports the students to earn a few credits through Massive Open Online Courses (MOOCs) by the providers like Swayam NPTEL. Many laboratories are equipped with cut section models through which the faculty can demonstrate the systems internal parts and function effectively for the students. Training on MATLAB / SCI Lab are imparted to students in laboratories through modern ICT Tools. Students are taken to different industries on industrial visits to expose them to industrial demands /requirements and work culture. Students are encouraged to participate in National level and International level competitions

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

#### Response:

All the faculty members undergo pedagogical training every year in the teaching learning methodologies to deliver the course content effectively and focus on outcome based education. For online teaching, the college uses Microsoft Teams software platform which has provision for live video streaming and sharing of presentations and whiteboard. This software is also used for other online collaboration activities like virtual faculty meetings etc. To promote self-learning, the institute supports the students to earn a few credits through Massive Open Online Courses (MOOCs) by the providers like Swayam NPTEL.

Faculty members access digital library and other Open Source platforms to create learning materials that enrich the learning skills of the students. Integrated Management System (IMS), a software platform utilized to manage. The attendance data and academic performance of the students is intimated to their parents / guardians through IMS. The institution has set up scale up class room facilities which enhance participative and collaborative learning. Programming courses are conducted in the scale up class rooms to enhance participative learning from their peer group.. All the e-class rooms are well maintained with facilities like LCD Projectors Video lecture courses like MOOCS provided by NPTEL, power point presentation for teaching courses, training students in different softwares and Placement/training activities are carried out through these modern audio / Visual aids.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year )

**Response:** 9:1

2.3.3.1 Number of mentors

Response: 134

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with 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: 8.48

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

2020-21	2019-20	2018-19	2017-18	2016-17
13	10	9	9	9

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest

completed academic year in number of years)

**Response:** 4.07

#### 2.4.3.1 Total experience of full-time teachers

Response: 545

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

**Response:**

To monitor the students progress, Institution has the continuous internal evaluation system which consist of internal assessment tests (twice a semester), in addition to that prefinal exams, improvement Test and evaluation of practical exercises.

- Continuous Assessment Report is displayed on Notice board of respective department every month.
- In continuous assessment process, opportunities to improve marks are given to the students participating in activities based on the course like group discussion, seminars, presentations etc.
- Institution communicates progress report of their ward to the parents.
- Parents and teachers meeting is organized twice a semester and the progress of the students is updated.
- The institution analyses program-wise performance of students every semester.
- **Project Evaluation:** For final year students, Project work and technical seminar are evaluated through regular reviews and presentations conducted internally, along with the university evaluation process. The project internal marks are thus appropriately divided to ensure continuous evaluation.
- **Internal Tests Evaluation:** Faculty setting internal exam question papers are also required to give a scheme of evaluation. This is verified by senior faculty of the respective subjects. The scheme as well as solution is displayed and distributed to students after the test. All the internal test answer scripts are shown to students to ensure transparency.
- **Internal Tests Conduction:** Exam committee is set up to ensure that internal tests are conducted appropriately, uniformly and transparently.
- **Assignments:** All assignments are discussed in the class and the solutions are to be solved by the students.
- **Regular Feedback:** Course conduction are regularly monitored and frequent, regular feedback is taken from students. Students can also directly approach the HOD with any doubts or problems.
- To ensure better preparedness, mock project viva , prefinal examinations are conducted with internal/external examiners.

Internal Lab evaluation is done with internal and external examiners from other departments. The external examiner especially ensures that rigorous viva is conducted

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

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

#### Response:

Though university is the sole authority for implementation of reforms in examination and evaluation, the institution adopts both formative and summative methods of evaluation. Formative approach continuously monitors student's progress in a conducive learning environment. It measures the student's achievements and performance through, assignments, creative presentation, organizing various events, mini projects etc. Summative approach is based on the evaluation of monthly tests and semester end exams at the end of the academic session.

Both the approaches have positive impact on the evaluation system, because performance of a student is not only judged by the marks, but also by his/her other formative performances during the course.

For all practical courses other than project work, the continuous internal assessment carrying 30 (UG) and 40 (PG) marks is subdivided into attendance, laboratory experiment/day-day to performance, viva etc.

- Project work is also evaluated through presentations before internal & external experts.
- The University end semester examination shall carry 100 marks for theory (Internal plus External) and 100 marks for practical examinations.

#### End Semester Examination

If the grievance is against the end semester examination results, the Institution assists the students by helping them to apply for revaluation to the office of the Registrar, Evaluation of the affiliated university through administrative office of the institution. Students can apply for the revaluation within the stipulated period, by depositing the revaluation fee. University authorities get the answer sheets revaluated and then the revaluation results of the students is declared. In addition to this, the university makes arrangements for issuing photocopies of their answer scripts to the students. This allows the students to consult faculty to ensure fairness of Evaluation.

The institution aims to help students to reach their potential through the provision of a supportive, vibrant and challenging learning environment. All the staff members are involved in the creation of this learning environment. All students are valued equally during their learning journey with the institution.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

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

**Response:**

**Dissemination:**

The relevance and importance of the Vision, Mission and Program Educational Objectives (PEOs) and Programme Outcomes (POs) statements which are the goals of the Institution/Department are disseminated among the stakeholders - students, parents, teachers and alumni. They are as follows:

### 1. Orientation Program/Workshops/Seminars for Students and Parents:

First year students and their parents are made aware of POs and PEOs during the induction program itself. PO Statements are made available in the course files and also in the course preamble. The course syllabus is uploaded in the AITS website. In addition, awareness is made on the roles and responsibilities of the students and parents during the course of the study (with the help of Workshops/Seminars) in order to achieve the vision of the department.

### 1. Awareness Programmes/Workshops for Faculty:

Workshops are frequently conducted for the faculty on the Vision, Mission and PEOs to make them aware of the outcome based education to make necessary strategic plans each time to achieve the same.

### 1. Surveys:

Surveys are being carried out for POs and PEOs from the stakeholders such as students, alumni and employers using online/offline feedback forms. This also helps us creating awareness about the deviation in any of these if any, to take necessary corrective actions and further for working towards achieving the POs and PEOs of the Programme.

Course Outcomes (COs) for each course are given in the syllabus of each programme. The Course Outcomes are demonstrated periodically in the classroom to create awareness among students.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Past link for Additional information	<a href="#">View Document</a>

### 2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

#### Response:

Assessment of POs is made at the end of each academic year. Two types of assessments are employed to assess the PO attainment as given below.

1. Direct Assessment
2. Indirect Assessment

The overall attainment of each PO is calculated as the weighted average of the attainments obtained through direct and indirect assessment tools with the following weight:

#### Direct Assessment of POs through CO assessment

The course teachers enter the student performance data separately for each question of the direct assessment tools into a spreadsheet tool along with the CO mapped to that question, maximum marks allotted to the question and Bloom level of the question. This data is forwarded to course coordinators of each course who consolidate the data from different teachers teaching the course. The partial attainment of PO's through individual COs is calculated by weighted averaging of CO attainments in that course. The overall attainment is of each PO calculated by weighted averaging of the PO's attainment in each course and the mapping strength between the course and the PO

#### Indirect Assessment Tools

The indirect assessment of POs is based on the three surveys which are conducted regularly. The data from the graduate exit survey, alumni survey and employer survey is collected periodically by the Program coordinator. The average of attainments through each of these surveys is taken as the overall indirect attainment of the PO's.



**CO assessment**

As described in the preceding section, the CO assessment is performed using both direct and indirect assessment tools which yield direct and indirect attainment levels of the CO's.

**Direct Assessment Process**

Direct assessment is based on the marks obtained by the students for problems that they are required to solve in the exams and assignments, and their performance in the labs and reviews. Course coordinators assess the level of direct attainment of Course Outcomes (CO's) in a course by entering the student performance data from all these tools into a spreadsheet tool.

**Indirect Assessment Process**

As mentioned earlier indirect assessment of CO is based on Course Exit Survey. The program coordinator administers the course exit survey at the end of each semester.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional information	<a href="#">View Document</a>

**2.6.3 Average pass percentage of Students during last five years**

**Response:** 82.16

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

2020-21	2019-20	2018-19	2017-18	2016-17
193	138	171	179	152

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

2020-21	2019-20	2018-19	2017-18	2016-17
201	157	235	219	210

<b>File Description</b>	<b>Document</b>
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

<b>2.7.1 Online student satisfaction survey regarding teaching learning process</b>	
<b>Response:</b>	
<b>File Description</b>	<b>Document</b>
Upload database of all currently enrolled students (Data Template)	<a href="#">View Document</a>

## 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, Chairs in the institution during the last five years (INR in Lakhs)**

**Response:** 0.4

**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)**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.2	0.2	0	0

File Description	Document
List of endowments / projects with details of grants	<a href="#">View Document</a>
e-copies of the grant award letters for sponsored research projects / endowments	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)**

**Response:** 2.99

**3.1.2.1 Number of teachers recognized as research guides**

**Response:** 4

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years**

**Response:** 7.69

**3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	1	1	0	0

### 3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
6	5	5	5	5

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
List of research projects and funding details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Paste link to funding agency website	<a href="#">View Document</a>

## 3.2 Innovation Ecosystem

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

#### Response:

AITs Kadapa has created an ecosystem for promoting innovation, entrepreneurship and other initiatives like creation and transfer of knowledge by collaborative action of all departments in a multidisciplinary approach. As part of this initiative, technical symposiums termed as “SAMSLESHANA” were conducted every year as enthusiasm towards presentation of different trending topics results in innovation and its practice. Different entrepreneurship activities are conducted for nurturing innovative ideas from the students. An amount of 0.4 lakhs have been sanctioned by government of India as grants towards development of entrepreneurship. Faculty is encouraged to enhance their research activities and make publications in reputed journals. Some of the faculty members have published books which serve as textbooks for syllabus of few subjects as a part of initiative for knowledge creation and transfer. Few of the faculty have been selected to act as research supervisors by J.N.T.U Anantapur, Ananthapuramu and have patent publications. The main aim of AITS Kadapa is to promote creative thinking of the students and utilize their innovative ideas for the benefit of society keeping in view of the importance of technology. With a combined action plan of all departments, every initiative to encourage the participation of students in various technical exhibitions is taken to nurture their technical expertise. Every year guest lectures, workshops, seminars and industrial visits were organized for students and faculty members. During the Covid-19 pandemic period webinars, quizzes in online mode were conducted to provide continuation of knowledge sharing. The role of AITS Kadapa is to develop a new approach to explore inter-disciplinary

scenarios to achieve success in the innovation process. The models prepared by Electrical and Electronics engineering students “Smart LEDs for smart city” and “Micro grid model” were selected as a best models for university level tech fest and was selected for state level project exhibition. Department of Mechanical engineering students have fabricated ‘Solar grass cutter’ without using any additional energy sources. By using bimetallic strip as sensor, engine exhaust heat from silencer of a vehicle is used to produce electrical energy, By using pulverized coal and Aluminium metal, hydrogen gas is produced which can be replaced by petrol. Hydrogen gas produced is stored in gas tank and a small engine is made to run. Electricity is generated using speed breakers. Based on gear pinion arrangement and flywheel rotation, power is generated. Vertical windmill is designed by mechanical engineering students which find its application to be installed on train bogie. The motto behind these projects is to make a way for increased use of renewable energy sources as conventional energy sources are depleting gradually. Students of AITS Kadapa are encouraged to do hardware technical projects as practical way of approach will be more registered in their minds resulting in more innovative thoughts. Full encouragement is given to students to depict their thoughts. As a part of promotion of research and development, relevant projects are done by students which ignite their minds such that their knowledge is invested for enhanced technical contribution resulting in benefit to society.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:** 53

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

2020-21	2019-20	2018-19	2017-18	2016-17
9	11	12	11	10

File Description	Document
Report of the event	<a href="#">View Document</a>
List of workshops/seminars during last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

**3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years****Response:** 0.75**3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years**

Response: 3

**3.3.1.2 Number of teachers recognized as guides during the last five years**

Response: 4

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI website	<a href="#">View Document</a>

**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response:** 0.18**3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
8	5	2	3	4

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.3 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**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
5	2	2	5	7

File Description	Document
List books and chapters edited volumes/ books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 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:

AITs Kadapa always endeavors for the comprehensive development of the students as the students are our nation pillars. As part of vision and mission, institution prestigiously has undertaken many activities to sustain the sense of service, responsibility, honesty, and respect for dignity of labor among the students. College organizes extension activities and in this aspect; students from all departments are made to get actively involved and participate in the programmes organized by AITS Kadapa NSS unit and with the collaboration of public service centers. In the wake of greenery, every year our students and faculty members have planted more than 300 plants in the surroundings of institution and nearby places to stress the truth that NO TREE-NO LIFE. Cleanliness is next to Godliness, is strongly believed by the institution which resembles the purity and discipline in the minds and actions of students. Students follow the instructions of tidiness and keep the campus environment neat and clean. AITS Kadapa NSS unit students campaigned in villages to get the awareness about the universal sanitation and exemplified the dump management skills by honoring our beloved Prime Minister's mission Swachh Bharath. Continuous progress in this mission is admirable. Students and faculty members supported the orphanages and old age homes financially by donating money and other essentials. To encourage the human and ethical values Blood Donation camps are regularized in institution along with the collaboration of Bhoga Parvathamma Blood Bank and Indian Red Cross Society. Blood is collected from the students and faculty members. The units of collected blood is deposited in blood banks to serve for emergency conditions. Our institution proved its humanness by saving the human lives in risk through blood bank services. Health is Wealth and it is achieved by arranging the Yoga classes in the campus, with active participation of students and faculty members. Along with these activities, follow-up programs are held on traffic signals and its rules.

Guest lectures are invited to the campus and valuable information on various burning public issues is transmitted to the students. In order to pursue knowledge on environment as well as human ethics, subjects are also included as part of the curriculum. To sensitize students on water conservation, Civil Department conducted elocution and drawing competitions on World Water Day among school students and distributed prizes in the neighbor village named as Bayanapalli. In the extension of awareness among girl students on abuse and harassment college conducted an online programme on Disha App introduced by the government of Andhra Pradesh. The entire world is shackled by the corona virus and suffered a lot from

fear and loss of health during pandemic period. AITS Kadapa voluntarily served as quarantine center to provide shelter with all facilities to the corona patients as isolation is to be provided. Medical camps to give vaccinations for Covid 19 are conducted in the institution for students and faculty. The intention of all these events is to educate and counsel students towards serving the society.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 1

#### 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	1	0

File Description	Document
Number of awards for extension activities in last 5 year	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 27

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

2020-21	2019-20	2018-19	2017-18	2016-17
7	2	4	6	8



File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	<a href="#">View Document</a>

### 3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

**Response:** 58.94

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

2020-21	2019-20	2018-19	2017-18	2016-17
510	217	304	538	928

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt or NGO etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.5 Collaboration

### 3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

**Response:** 10

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

2020-21	2019-20	2018-19	2017-18	2016-17
01	01	03	04	01

File Description	Document
e-copies of related Document	<a href="#">View Document</a>
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	<a href="#">View Document</a>

### 3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

**Response:** 12

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

2020-21	2019-20	2018-19	2017-18	2016-17
6	1	1	1	3

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

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

**Response:**

Annamacharya Institute of Technology and Sciences is located in an eco-friendly environment, with spacious classrooms, well equipped laboratories and with irrepressible infrastructure and constantly ventured to provide quality education and make certain all-round development of students with a total land of 64749.7 sq.mts with a built up area of 22484 sq.mts

Ground Floor			
S.No	Name of the facility	Quantity	Area (sq.m)
1	E-Classrooms	4	466.018
2	Laboratory	12	1729.265
3	Conference Hall	01	77.03
4	Faculty cubicle	02	75.79
First Floor			
5	Classrooms	18	1439.1
6	Computer labs	09	1471.66
7	Laboratory	01	198.57
8	Faculty cubicle	02	157.04
Second Floor			
9	Classrooms	17	1404.54
10	Seminar hall	01	159.49
11	Laboratory	06	701.93
12	Faculty cubicle	06	455.96
13	Library	01	432.08
14	Digital library	01	27.42
15	News paper zone	01	27.42
Third Floor			
16	Classrooms	21	1734.76
17	Laboratory	05	553.74
18	Drawing hall	02	396.63

#### Classrooms

The Institute has well-furnished, spacious and good ventilated classrooms. The Classrooms are constructed as per AICTE norms and are equipped with adequate well good furniture, projectors, fans, lights and power backup. The institute has E-Smart class rooms for each department. The classrooms are

provided with LCD projectors, LAN / Wi-Fi connectivity.

### **Laboratories**

The Institution has laboratories as per the regulations of AICTE and JNTUA norms. The laboratories are well maintained with adequate and advanced equipments. The institute has more than the necessary equipments needed as per the syllabus. For gaining knowledge and for those who are interested to do any innovatives, the laboratories are kept opened beyond the lab timings.

### **Seminar Halls**

The Institute seminar halls for each department separately with well adequate seating capacity and are equipped with LCD projectors, whiteboards, raised platforms with internet facility and one conference hall in the academic blocks to conduct official meetings for staff.

### **Web based Teaching and Learning Hall**

The college has a hall equipped with an LCD projectors, screens, audio systems, white boards and a computer with Internet connectivity for conducting QEEE classes, NPTEL video lectures, Hackathons etc. The hall is provided with adequate seating capacity. Five classrooms in various

departments have been provided with digital boards for supporting the teaching learning process.

### **Computing Equipment**

The institution has adequate computers. Every department has separate computer labs for conducting their programs and experiments to enhance the skills of the students. All the departmental staff are provided with desktops having internet connectivity with printer and scanner.

### **Library**

The institution recognizes the importance of the library as a good learning resource. It is updated regularly with the latest books & journals. The library has a area of 432.08 Sq.mt, Digital library with an area of 27.42 Sq.mt and News paper zone with an area of 27.42 Sq.mt.

### **Transport, medical and canteen facilities**

The institute provides transport facilities for the students and staff from and to various parts of the city,

and for the better convenience of staff and students who are coming from far distance i.e., Rayachoty, vontimitta, Mydukuru a separate transport facility is being provided for them apart from public transport.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

##### Response:

The Institute provides Sports facilities for students such as Cricket ground, Basketball court, Football ground, Volleyball court, kho-kho court, throw ball, Table Tennis boards, cricket ground along with Indoor games separately for boys and girls.

The Institute has provided Gym facilities to our students to make them strong enough apart from academic facilities.

The Institute has sufficient number of seminar halls, Conference, auditorium with LCD, digital board and provided with speakers for organizing cultural activities.

To brings together physical and mental disciplines, to achieve a peaceful body and mind and helps students to manage stress and anxiety and keeps them relaxing student Yoga classes are conducted frequently with Yoga trainers.

Details of facilities available for sports:

S.NO	Name of facility	Quantity
Indoor games (Boys)		
1	Carrom Boards	04
2	Chess Boards	03
3	Table Tennis Court	01
Indoor games (Girls)		
1	Carrom Boards	03
2	Chess Boards	03
3	Table Tennis Court	01
Outdoor games		
1	Basket Ball Court	01
2	Volley Ball Court	02
3	Badminton Court	01
4	Tennikoit Court	02

5	Cricket Ground	01
6	Throw Ball	01
7	Ball Badminton Court	01
8	Kho-Kho Court	01

### Cultural Activities:

The cultural committee of the Institute is very active in conducting various cultural and traditional activities for the sake of benefit to the students in terms of physical, mental, spiritual and emotional benefits.

The development of human personality is multi-dimensional. The human mind which gets thoroughly exhausted because of the daily hectic work, always need a space to relax and ease out.

The overall personality of a student would be achieved not only through the academic activity but it requires ventilating the hidden talents to attain a total personality. The college provides ample opportunities for the students to project the hidden talent.

The Department of Cultural Activities is undertaking to discover the hidden talents in the students and providing a platform for the exposure of their talents in various facets like drama, skits, mono action, mimicry, mime, singing-classical, semi classical, folk, solo and group singing with orchestra, instrumental music, painting photography, rangoli, elocution, debate, public address, essay writing and so on.

To promote the inherent talents of the student & faculty the institute has various cultural clubs and organizes music concerts, drama shows, dance competitions etc. Various cultural and extracurricular activities like folk dances, Classical singing, Group singing, theatrical items, traditional heritage items, fine arts items, Quiz, Literary items are offered to the students during the college annual day. To facilitate all the cultural/extra-curricular activities of the institute, seminar halls & auditorium are made available. Talented students/faculty acts as mentors to support the aspirants and encourage them to participate in these cultural/extracurricular activities. Students will get every opportunity to exhibit their talents in different events like Cultural day, Fresher's/Farewell functions, College Annual day etc.,. Students are also encouraged to participate in different competitions held at various institutions.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

**Response:** 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 41

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 27.33

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
26.63	47.82	27.06	44.93	9.23

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	<a href="#">View Document</a>
Upload audited utilization statements	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

Response:

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

Library plays a vital role in the functioning of an institution. Rich library is an asset to the Institution. AITS has a well - established library.

Library is an integral part of our Academic Centre of Excellence for Teaching and Learning. Many new dimensions have been added to the library. Electronic information resource as a important component of the library is growing year after year. The computer has swept the library in all its operations-storage and dissemination of information.

The Library is highly frequented by the students and the staff. Special care is taken to educate and encourage its users on the importance of reading. The Library has a considerable number of staff, and its services are highly satisfactory.

The Library operations are fully automated using the 'TLSS' (Total Library Software System) package. Students and Staff can browse the library database (OPAC) by clicking the key words like – Author, Title, Subject, etc. Books are issued through bar-coded membership cards to the students and faculty members of the College from the circulation section.

The Library has a stock of over 16,700 volumes and 2,925 titles. The College subscribed to 40 national and 30 international Journals. The Library is also equipped with CD-ROMs, Video and Audio Cassettes. The facilities available in the library will help the students for preparation of GATE, IES, GRE, TOEFL and IELTS. The Library services are totally computerized with internet facility to get instant access to the digital Library. It also provides facilities like SC/ST book bank and reprographic facility.

Institute has subscribed e-journals like DELNET, NDigital Library and J-Gate: Engineering & Technology (e-journals & e-books) packages. NPTEL Video Lectures are available and 10 Computer terminals are facilitated to access Internet / e-Learning resources in the Digital Library.

- Name of ILMS software : TLSS (Total Library Software System)
- Nature of Automation (fully or partially) : Fully
- Version : 4.1.0.0
- Year of Automation : 2017

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

#### 4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

**Response:** A. Any 4 or more of the above



File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	<a href="#">View Document</a>

#### 4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 2.35

##### 4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0.14	0.56	0.50	2.18	8.38

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years (Data Template)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

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

Response: 23.53

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

Response: 300

File Description	Document
Details of library usage by teachers and students	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

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

**Response:**

**Institution frequently updates its IT facilities including wifi**

The college has established a high-speed campus-wide network that connects all its departments consisting of 495 systems. A fully distributed computing environment based on clusters of workstations and PC's provides the users ready access to computing resources, services software and applications. The environment is tailored to the specific teaching/learning needs of each department.

The college has Internet Facility with two leased lines, one from BSNL with 40Mbps, and the other from CPC with 50Mbps. The institution also has Wi-Fi at various locations (Canteen, Library, Seminar Halls, QEEE Hall, Placement cell, etc.,) of college campus.

The server room of Main Computer Center has multiple servers namely: Windows, Linux, MATLAB server, The Internet Gateway comprises of a Web Server, Fortigate 500E UTM, Fortianalyzer 200F, CISCO switch and other networking components required for an efficient LAN.

**The details of software's available in the Institution are tabulated below:**

**TOTAL NO. OF SYSTEMS - 495**

**OPERATING SYSTEMS - WINDOWS 8.1**

**CONFIGURATION - RAM-- 2GB**

**HDD - 500 GB**

	UPTO 2016	2016-2017	2017-2018	2018-2019	2019-2020
<b>Systems</b>	430	25 Systems added. Updated making total to 455	40 Systems added. Updated making total to 495	495	495
<b>Servers</b>	2	2	Linux, MATLAB	Linux, MATLAB	Linux, MATLA
<b>Data center</b>	-	-	Server RAM-2GB HDD-500GB	Server RAM-4GB HDD-500GB	Server RAM-4GB HDD-500GB
			WINDOWS 7	WINDOWS 8.1	WINDOWS 8.1
			32/64 Bit	32/64 Bit	32/64 Bit

				BACKUP STORAGE: 50GB	BACKUP STORAGE: 50GB	BACKUP STORAGE: 50GB
<b>Internet</b>	<b>BSNL</b>	40mbps	40mbps	40mbps	40mbps	40mbps
	<b>CPC</b>	50mbps	50mbps	50mbps	50mbps	50mbps
<b>wifi</b>		3 Access points	3 Access points	3 Access points	3 Access points	3 Access points
<b>Operating Systems</b>		windows 7, windows 8.1	windows 7, windows 8.1	windows 7, windows 8.1	windows 7, windows 8.1	windows 7, windows 8.1
<b>Anti virus</b>		K7 ANTIVIRUS	K7 ANTIVIRUS	K7 ANTIVIRUS	K7 ANTIVIRUS	ANTIVIRUS
<b>MAT LAB</b>		-	matlab software with tool boxes	matlab software with tool boxes	matlab software with tool boxes	matlab software with tool boxes
<b>C,C++</b>		TURBO C++ Suite	TURBO C++ Suite	TURBO C++ Suite	TURBO C++ Suite	TURBO C++ Suite

BLOCKS	LABS	NO.OF SYSTEMS	SOFTWARES	NO OF USES
<b>BLOCK-A</b>	LAB 1-A&B	130	TURBO C++	60
			MS OFFICE	120
<b>BLOCK-B</b>	LAB 2-A&B	143	PYTHON	120
			RATIONAL ROSE	60
			CISCO PACKET TRACER	60
			SQL	60
			JAVA	60
			DATA MINING TOOLS	60
			ARGON UML	60
<b>BLOCK-D</b>	LAB 3-A	65	MATLAB	70
			PSPICE	70
<b>BLOCK-D</b>	LAB 3-B	40	Android studio	50
			GridSim	50
<b>BLOCK-C</b>	CAD/CAM	36	AUTOCAD	30
			ANSIS WORK BENCH	30
			CATIA	30
			PNP	30
<b>BLOCK-C</b>	SIMULATION LAB	25	MATLAB	20
			XILINX	25

			TINA	25	
			TASM	25	
			CC STUDIO	25	
			MICROWIND 3.0	25	
<b>BLOCK-C</b>	MPMC LAB	13	MultiSim	30	
			DSCH	30	
			STAAD PRO	30	

**DETAILS OF COMPUTER, INVOICE NUMBER, QUANTITY:**

S.NO.	COMPANY NAME	BRAND NAME	DATE PURCHASE	OF INVOICE NUMBER	QUANTITY	TOTAL
1	AIT SOLUTIONS	DELL	12-04-2010	7140	130	31,9
2	AIT SOLUTIONS	LENOVO	26-09-2012	8222	200	39,5
3	AIT SOLUTIONS	LENOVO	24-04-2014	AIT/10010/14-15	35	8,53
4	AIT SOLUTIONS	LENOVO	29-04-2015	AIT/10315/15-16	35	19,2
5	AIT SOLUTIONS	LENOVO	25-03-2016	AIT/10315/15-16	25	5,87
6	AIT SOLUTIONS	LENOVO	03-03-2016	AIT/10575/15-16	40	11,3

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.3.2 Student - Computer ratio (Data for the latest completed academic year)****Response:** 2:1

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>

**4.3.3 Bandwidth of internet connection in the Institution****Response:** A. 750 MBPS

<b>File Description</b>	<b>Document</b>
Upload any additional Information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

## 4.4 Maintenance of Campus Infrastructure

### 4.4.1 Average 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:** 76.89

#### 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)

2020-21	2019-20	2018-19	2017-18	2016-17
683.88	185.16	58.28	30.49	43.76

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

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

**Response:**

The following information provides the information on maintenance of physical, academic and support facilities as per the maintenance policy.

The Institute has a number of policies procedures and practices to govern its operation. The policies are meant for day –to–day dealing. They provide guidance to members in a number of academic areas.

#### **Maintenance Section:**

The Institute has centralized maintenance cell with well qualified and skilled manpower for executing maintenance activities and is carried out by Maintenance Engineer. All repair works, masonry works, sewage works, plumbing works; greenery work should take care by the maintenance cell.

#### **Building Maintenance:**

The maintenance operation will include all components and systems in the areas Class rooms, seminar halls, tutorial halls, carpet, floors, walls and ceilings, Doors exterior/interior, Window and Hardware, Restrooms/Plumbing fixtures. A Civil Engineer and a supervisor will take care for the maintenance of newly constructing building works.

### **Electrical Maintenance:**

This section is maintained by a supervisor and an in-charge from the Electrical Engineering Department which involves the monitoring of electrical equipment such as UPS, Generator, Batteries its working condition is monitored every month and the same is entered in log book. For repairs or any replacement of any materials or part of the electrical works should be prepared quotations and purchase order, the in-voice of the same should be maintained duly signed by the head of the Institute.

### **Furniture Maintenance:**

This section is maintained by the supervisor and a technician from the Mechanical Engineering department to maintain the workshop facilities which includes installation of doors, windows, fabrication of cabinets in the departments etc.

### **Roof Top Solar Plant:**

It is a 100 kW Solar Grid Interactive Power Plant with a unit generation capacity of 48388 per year. The plant also helps in providing Environmental Science students on-site exposure to working of a solar power plant.

### **Academic Facilities:**

#### **Library:**

The maintenance of library is taken care by Librarian and his supporting staff. Internal periodic audits are done in the library for maintaining wellness of the books. Frequent interactions are made by the librarian with the students and faculty to know the shortfalls and take necessary action to overcome them. The library provides text books, reference books, journals for both students and staff. This section is provided with an extra time beyond the college timings for the sake of gaining knowledge of student.

#### **Class Rooms:**

The institute is provided with well equipped furniture, electrical facilities which includes lights, fans and LCD's and with proper ventilation. Every class in the institute is provided with LCD Projector and board for the same. All the class rooms in the Institute are provided with CC camera.

#### **Laboratories:**

The Laboratories in the institute is maintained by an In-charge for each laboratory in the concerned department and is headed by another faculty In-charge. The particular lab In-charge will monitor and check the conditions of different equipments periodically and also necessary materials required for conducting of laboratory. If any repair works or any service needed for the particular laboratory will be reported to Head of the Department for solving the issues.

#### **Other Facilities:**

#### **Canteen:**

The Institute has canteen facility where hygienic food is being prepared and is provided at reasonable cost for both students and staff members. The food is prepared and served hygienically by 10-12 workers who wear aprons, head covers, service hand gloves etc. The Canteen promotes consumption of steamed food over fried food and less usage of spices. It is properly cleaned every day with pest control done every three months.

- The Institute is providing facilities for Sports which will includes both indoor and outdoor games. A separate playground is provided for playing cricket, volley ball court, Badminton court, throw ball court, yoga center and gym facility.
- The institute NSS unit is continuously supporting the students to participate in different economical and social activities for building a strong nation. The unit is provided to reflect the essence of democratic living and upholds the need for self-less service. NSS helps the students' development & appreciation to other person's point of view and also show consideration towards other living beings.
- The institute is provided with RO facility for drinking water with water cooling system.
- A Firewater Pumping System has been set up that covers the entire College.
- The institute is maintaining the Greenery through regular activities such as watering, thinning, weeding, fertilizing, mulching, composting, and monitoring for pests. These activities promote healthy plants by providing for their needs.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 68.47

##### 5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
874	648	591	515	487

#### File Description

#### Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

#### 5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0.09

##### 5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
01	01	01	01	00



File Description	Document
Upload any additional information	<a href="#">View Document</a>
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View Document</a>

### 5.1.3 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:** B. 3 of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

### 5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

**Response:** 10.25

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

2020-21	2019-20	2018-19	2017-18	2016-17
122	70	101	85	80

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.5 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:** E. None of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 37.06

#### 5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
108	55	79	70	65

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years (Data Template)	<a href="#">View Document</a>

### 5.2.2 Average percentage of students progressing to higher education during the last five years

**Response:** 29.85

**5.2.2.1 Number of outgoing student progression to higher education during last five years**

Response: 60

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education (Data Template)	<a href="#">View Document</a>

**5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

Response: 23.33

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

2020-21	2019-20	2018-19	2017-18	2016-17
9	6	5	2	4

**5.2.3.2 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**

2020-21	2019-20	2018-19	2017-18	2016-17
30	18	25	15	20

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	<a href="#">View Document</a>

**5.3 Student Participation and Activities****5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural**

**activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**

**Response: 22**

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

2020-21	2019-20	2018-19	2017-18	2016-17
04	05	04	05	04

<b>File Description</b>	<b>Document</b>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

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

**Response:**

The college believes in promoting inclusive practices for social justice and better stake holder relationships. The institute promotes value based education for inculcating social responsibility and good citizenry among its student community. For this the institution has necessary infrastructure and encourages active participation of the students in academic, social, cultural, leisure activities. College believes that for overall and holistic development, the participation of students and Alumni plays a major role. Keeping this in view the college has a representation of students and Alumni in specific cases as members in the following committees.

#### **Class Review Committee**

This committee consists of Management Representative, Principal, Head of the respective department, and four students from each section of the programme, with more than 75% attendance and varying levels of academic record/performance representing slow, average and fast learners. This committee meets once in a semester to discuss the progress in the courses being taught, the teaching-learning methodology practiced in the classroom, faculty performance in terms of their preparedness, innovative teaching practices and other related issues. The committee considers the inputs given by the students for improving the teaching learning practices and overall development.

**Library Committee**

This committee comprises of two students from every section, along with the department faculty in-charge, the heads of respective departments, Principal and the Librarian. It meets once in a semester to discuss about the improvements to be made in the library facilities and recommends books, journals to be procured. A list of such requirement is prepared and forwarded to the approving authority.

**Anti-Ragging Committee**

This committee consists of two senior students and two students from first semester with representation from staff. The committee, as per the Anti-Ragging Act of 1997, explains the implications of ragging by displaying posters at various locations of the college, on the notice boards in each academic block. It ensures that an oath in the form of Undertakings related to Anti-Ragging Act duly signed by each student and their parents are collected.

**Canteen Committee**

This committee consists of one student from each year of the Under-Graduate program and one student from the Post-Graduate Program apart from other members. This committee meets once in a semester to check the quality of food, hygiene, quality of water and other items in the canteen.

**Internal Quality Assurance Committee**

The institute believes that academic and administrative excellence will be achieved by continuous improvement of quality. IQAC has a representation of one student from each department besides the HODs, faculty, alumnus, etc. The suggestions given by the students are well taken in overall development of quality management strategies in all aspects.

**Women Development Cell**

This committee consists of two girl students one each from UG and PG programs and few female staff members. The committee members meet once in every semester and suggest various activities to be taken such as empowering the female students, remedies to solve the problems faced, etc. It also focuses on conducting awareness programs that emphasize on rights of women, the welfare laws for women and health related problems.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:** 8.4

**5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
7	7	9	10	9

File Description	Document
Report of the event	<a href="#">View Document</a>
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<a href="#">View Document</a>

**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:**

AITK Alumni Welfare Association is established and registered under the Andhra Pradesh Societies Registration act 2001 bearing the number 128 in the year 2015. Annamacharya institute of technology and sciences-old students association, kadapa (ALUMINI) is formed with an aim to build an actively engaged alumni network. The association connects with alumni through various set of events and services. The Association supports active alumni participation in various institution activities like curriculum design, feedback, tech fests, guest lectures, internships and placements of the students. The association has connected more than 2000 alumni members to the college and conducted various programs in the campus since its inception.

The association organizes some special events that educate stakeholders in different areas like social responsibility, publishing newsletters, and most importantly raising funds for growth of their Alma mater. They conduct awareness programs which provide a variety of benefits and services to their educational institution and fellow graduates.

An alumni portal has been launched this year to meet the requirements of the digital world for online registrations and communication. AITK is strategically working to make the alumni involved and engaged in students' development.

The core objective of the association is to create a good rapport between the Institution and alumni. They are successful in keeping required communication with alumni and work to inform them about timely changes and achievements about the Institute. The association organizes meetings every year. They discuss future plans in the meetings. The Institute is planning to conduct various non-financial platforms such as alumni challenge competition and alumni interaction week, so as to attract more alumni to contribute in the

future.

The alumni conduct mock interviews during their visit to the campus for the benefit of their juniors. They discuss on business and entrepreneurship opportunities and career counseling. While interacting with juniors, they make them aware of several trends that are mandatory in the present global scenario.

The alumni also share their personal experiences, challenges successes and failures with students. This has been a very important event for the existing batch of students. They extend support and guidance in planning and organizing events that really help students to ensure the fruitful functioning of technical and non-technical clubs. As the alumni extend a helping hand to the students existing, they are now active participants in social service, planning creative activities for rural students especially during weekends. The alumni share their corporate experiences and guide students by providing their contact numbers and mail addresses for future communication and for continuous support.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 5.4.2 Alumni contribution during the last five years (INR in lakhs)

**Response:** D. 1 Lakhs - 3 Lakhs

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for any additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

##### Response:

Governing Body (GB) is the highest decision making body of the Institute and it constitutes as per the guidelines of AICTE. The GB consist of Management representatives, Government Nominee, University (JNTUA) Nominee, Industrialist, Educationalist, Faculty members of the College, Principal is the Ex-officio member secretary. The GB ensures preparation of Strategic Plan through bottom up approach involving all the stakeholders and implementation through top down approach. The GB through the director/principal ensures that all decisions on the matters such as admission, budget, infrastructure, Teaching-Learning Process and placements are in line with Institute's Vision, Mission and Quality Policy properly reach the stakeholders and ensure proper implementation of the same. The GB meets 1 to 2 times in a year to review the performance and makes active contributions for overall growth of the organization. All the meeting proceedings are duly recorded (minutes of the meeting) and the Action Taken Reports were also prepared and appraised to the GB regularly.

##### Vision:

To emerge into excellence meeting the changing needs of society by fostering on its traditions of knowledge, innovation, problem solving, professional and technological acumen, and discipline. Transforming individuals into highly enlightened professionals enriched with innovative technical skills entwined with intellectual, ethical and humane sensitivities.

##### Mission:

- Our primary mission is to move frontiers of technological knowledge, enrich and elevate the rural education seekers, endow them with technical skills, ethics, innovative thinking and leadership qualities enabling them to utilize their competencies for the sustainable development of the nation and mankind.
- Emerge into premier institute by imparting quality technical education to enhance knowledge and employability skills.
- Promote up gradation of teaching and research skills to cater to the societal needs.

The governance approach of the GB is truly democratic (participatory), de-centralized, and transparent. It promotes participation of all stakeholders for smooth functioning of the college. The GB ensure the involvement and contribution of all senior faculty by constituting various academic and administrative committees like Finance Committee, Examination Cell, Training and Placement Officer (TPO) and Heads of various Academic/Administrative committees. To strengthen administration, senior faculty members are deputed to attend various capability building training programs. Various committees as mentioned below are in place to monitor the institute progress towards realizing its vision, mission while adhering to quality policy.

The GB also monitors the quality activities through the Institute Quality Assurance Cell



(IQAC). The IQAC monitors quality of all activities of the institute by reviewing them periodically through conducting audits, awareness programs, student feedback, student survey and training programs for the faculty and staff. Thus, the GB adopts good governance policies to monitor and ensure participative and productive involvement of various stakeholders to promote the growth of the College.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

#### Response:

The management believes good governance is essential to run an effective system for the growth and development of an institution and enhancing its outcomes. The objective of this focus on decentralization of the governance and delegating responsibilities to various senior functionaries and heads of the departments. This objective promotes inclusiveness and participatory management style of functioning. As an integral part of the governance, the management delegated power (both administrative and academic activities) to the Principal and academic heads for smooth running of the institutional activities. The decentralization also helps the decision making with proper authority and financial power. Thus, decentralization has shown a significant impact on the policy making, planning, and management with reference to engineering education.

The college includes all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. At the same time, decentralization should be seen as a means of improving the efficiency of the system and its quality. There are several committees, both statutory and other, are in place to administer and effectively govern the institute.

The members of the Governing Body (GB) have responsibility for institutional performance. The chairman and members of the GB are actively engaging themselves in the institute developmental activities. All of its decision and policies are made in the best interest of the institution with due consultations with the concerned stakeholders. This top-down approach of the GB not only motivates the stakeholders but also effectively helped the development of institute. The minutes of the governing body, other committees and academic activities are published on the college website as act of transparent governance. The information is also shared with the employees through various meetings and circulars from time to time. Achieving academic excellence requires that the all the responsible people work together with defined role, responsibility and authority. The college organization chart provides an insight into the overall structure and authority with responsibility of various administrators and their levels in the organization.

There are as many as 26 active committees in the college which work constantly to uphold all-round development of the students. The following are the few operational level decentralization of various activities in vogue in the institution: **High Level Committees** : The Governing Body and Statutory

committees partake in the overall development and growth, policy decisions, financial and disciplinary issues. **Middle Level Committees:** Principal, Deans, COE, Associate Deans, and HODs partake in rules and regulations, academic development, curricular and co-curricular activities etc. **Lower Level Committees:** Various committees constituted for purpose of monitoring the policies and rule and regulations of the institutes.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 The institutional Strategic / Perspective plan is effectively deployed

#### Response:

The college is having a five year strategic plan in place which was drafted in the year 2015. It was developed with the stakeholders, both internal and external participation. The strategic Plan was prepared for five successive years from 2015-16 to 2020-21. The management's vision of providing holistic education which imbibes academic excellence and professional ethics in the students during the course of their education at the College. Further, it was also stressed the need to build technology integrated development, global competence and fostering entrepreneurship in young learners and faculty members of the college. Therefore, the college identified and developed strategic plan consists of the following seven important goals keeping creation of knowledge in the mind. They are: Institutional Holistic Development, Infrastructure Development, Strengthening Faculty, Research & Development, Student Career Development Cell, Academic Excellence, and Examination Reforms.

The college offers UG and PG programmes. Over the past four years the college successfully implemented its strategic vision and almost all the goals have been met adequately. The management strongly believes that strong Research makes the foundation for knowledge creation and several measures have been taken to strengthen the research and development. Accordingly, faculty were encouraged to take research as priority and created an ambience to foster R&D.

File Description	Document
strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

#### Response:

The college has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision. The Governing Body is the highest body of the college and it is supreme decision making body. The Governing Body of the college meets One to two times in a year. In the governing body several issues pertaining to various academic and administrative matters were taken up, discussed and appropriate decision would be taken keeping the student development as its central agenda.

The Governing Body strongly feels that the students should accomplish their desired goals and thus makes all the efforts (right educational methods - outcome-based education, infrastructure, equipment and tools) to creating a student centric environment. It follows the guidelines laid by the AICTE and JNTUA and comply them with utmost sincerity. The Governing Body continuously monitors the strategic plan and makes suitable advice/direction for the administration to execute the plan.

In addition to the governing body there are several statutory and other committees are in place to administer various activities related to academic, administrative and extension. Thus the governance of the college is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the Institute so as to contribute and promote sustainable socio-economic development through globally competitiveness.

Administrative Set-Up	Functions
Statutory Committees	Policy- making, Financial matters, Recruitment budget
The Non-Statutory Committees	Planning and Evaluation, Student welfare, Curricular Activities, Industry Institute Inter
Service Rules and Procedures	Regulate the service conditions of all Teachers of Annamacharya Institute of Technology & regular or probationary /ad hoc appointed approved post
Recruitment Policy & Promotion Policy	Identification of a vacancy, advertisement of the applications, API score
Grievances Redressal Cell	Helps students and Parents to record their complaints/problems relevant to academics, resources and
Women Grievance	Deals with the cases/complaints of sexual harassment type of harassment of the female students, to

<p>Redressal Cell</p>	<p>women staff of the college. Also, assist preventive measures in the matter of sexual harassment</p> <p>The students can send their grievances to any grievances.student@aitsk.org or grievances@grevice@gmail.com or write an application to the convener.</p>	
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File Description	Document
Link to Organogram of the Institution webpage	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

<p><b>6.2.3 Implementation of e-governance in areas of operation</b></p> <ol style="list-style-type: none"> <li>1. Administration</li> <li>2. Finance and Accounts</li> <li>3. Student Admission and Support</li> <li>4. Examination</li> </ol> <p><b>Response:</b> E. None of the above</p>	
File Description	Document
Details of implementation of e-governance in areas of operation, Administration etc	<a href="#">View Document</a>

### 6.3 Faculty Empowerment Strategies

<p><b>6.3.1 The institution has effective welfare measures for teaching and non-teaching staff</b></p> <p><b>Response:</b></p> <p>The college in general takes care of its employees well. There are several welfare measures in place for the teaching and non- teaching staff. The college encourages a worthwhile welfare schemes to all the teaching</p>
--

and non-teaching staff to boost the morale of the employees and thus make them motivated to work efficiently.

The college trusts the contribution of its employees towards its overall development and progress of the institution. It also encourages the employees to utilize the welfare measures with ease. Some of the welfare measures the institute provide to its employees include Promotion and increments based on self-appraisal, cash awards and certificate of appreciation for academic excellence, incentive for publication of papers / research articles, supporting faculty members to conduct/organize guest lectures, supporting faculty members to conduct/organize a conference/Seminar/workshop/FDPs. All the employees are provided free transport facility for their daily commuting to the college.

In addition, the colleges also provides various leave benefits to all the employees such as casual Leave, special leave, medical leave, maternity leave and Special Casual Leave (SCL) to both teaching as well as non-teaching staff. An employee can avail 15 casual leaves, special leaves not exceeding 14 days in an academic year to attend seminars/symposia/ workshops organized by institutions of national and international repute, On Duty leave to faculty representing the college either for administrative work or to presenting research project report/ AICTE/ JNTUA, 5 Medical Leaves (after Completion of the probation), and maternity leaves.

Satisfied employee is an asset for any institute and such employee can make the institute productive place, the management has given several welfare measures and schemes for the faculty, non-teaching staff and students. The existing welfare measures for teaching and non-teaching staff are listed below.

The various schemes available for teaching and non-teaching staff of institute are:-

- Transport facilities for students, teaching and non-teaching staff.
- Concession in tuition fees for children of the employees.
- Permission for higher studies.
- Maternity leaves for female teaching and non-teaching staff.
- Gratuity to teaching and non-teaching staff.
- Promotion given to eligible faculty.
- One special room (ladies common room) is provided to ladies of our institute.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### **6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Response: 0**

#### **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**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	<a href="#">View Document</a>

### 6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

**Response:** 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	<a href="#">View Document</a>
Reports of Academic Staff College or similar centers	<a href="#">View Document</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

### 6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).

**Response:** 14.93

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

2020-21	2019-20	2018-19	2017-18	2016-17
11	80	06	03	03

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View Document</a>
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programmes during the last five years	<a href="#">View Document</a>

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

#### Response:

The college focuses and believes that an effective performance appraisal system is vital for optimizing the contribution of individual faculty and also its alignment towards the institutional Vision & Mission. It aims at self-growth in terms of both personal and professional development of the employee which directly impacts the success of students. The appraisal system is based on stipulated criteria and parameters that are mandatory for the faculty to fulfil for fetching the benefits associated with it. A brief description of Performance Appraisal system is as detailed below. The performance appraisal is being assessed annually based on the submission of self-appraisal/ assessment report by employees (teaching/non-teaching) on various indexed parameters. The parameters of achievement of a faculty majorly include Teaching-Learning Processes, Research publications, Faculty Development Programs and Training underwent, Patents, Outreach/Extension activities, professional activities and involvement in the administrative responsibilities and developmental activities of department/institute.

The self-appraisal submitted by the employees undergoes three levels of reviews/evaluation first the IQAC, followed by the Principal and finally by the Management. After the reviews, based on the report, suggestions on areas of improvement would be communicated to the concerned faculty. A faculty, based on the score achieved in his/her Annual Performance, would be awarded annual increments. Another evaluation method used for assessing the faculty is the teaching learning process and their effectiveness. The tools used for this purpose are Students' feedback, student success rate in the courses taught, number of research papers published in reputed journals, papers presented in national and international conferences and workshops, and proposals submitted to funding agencies.

The feedback of the faculty is taken on a five point scale (5-very great extent, 4-great extent, 3- moderate extent, 2-some extent and 1-not at all). The feedback is judged on different parameters like clarification of doubts, clarity of content, application of theory to real time situations, teaching aids used and effectiveness in delivery of content. Equal impetus would be given to research and innovation. Faculty are also evaluated on the research projects of innovation, patents applied/received, consultancy works carried out and outreach programs in collaboration with industry/other colleges.

Performance Appraisal of Non-Teaching staff would be based on their regularity, punctuality and sincerity in service rendered. The foremost criteria comprises of the roles and responsibilities carried out by the respective staff in terms of regularity in attendance, up gradation of qualification, The number of training programs attended for skill development during the service, the key strengths the staff holds and how that has benefitted the organization (department/institute) and consideration of specific comments by the concerned HOD for the respective staff based on his/her performance.

File Description	Document
Paste link for additional information	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Response:

Financial planning and management is the foresight of the institution in strategizes its growth and Development activities. The institution has a robust financial management system in place. The institution conducts regular internal audits by the authorized and recognized auditors. In addition the state government also monitors and audits the institutional finance/accounts through APAFRC (Andhra Pradesh State Admission and Fee Regulatory Committee). It may be noted that the state government pay the fees (through reimbursement) of all eligible students admitted into the college. Thus, the receipts are very transparent and known. All the expenditures incurred by the college is maintained by the college accounts department and duly submitted to the government from time to time. After thorough review, the state government (committee) approves the expenditure made by the institute. Then committee (AFRC) considers the report for fixing the revised fee for the next block period (the duration of a block period is three years).

The College has a Finance Committee. The finance committee reviews the financial planning periodically. The institute is registered under section 12A of the Income Tax Act. The finance committee acts as an advisory body to Governing Body (GB) on matters of finances connected to the college. The Institution accounts are audited both internal and external auditors to ensure financial compliance. The third party qualified auditors prepare the institute level budget for every assessment year and present it to the governing body for further proceedings. The finance committee reviews the income/expenditure statements and report the same to the governing body for further recommendations and action plan. Optimal utilization and execution of the budget is monitored through internal and external auditing.

The annual budget for institute is prepared and proposed at the beginning of financial year, for recurring and non-recurring potential income and expenditures involved for the year. The departmental budget proposals of the requirement are also prepared and submitted for the approval of the GB. Mobilization of funds in the institute is through resource and fund mobilization policy. The primary source



is through collection of tuition fees. In addition, revenue generated through the financial grants obtained through.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

**Response:** 0.4

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0.2	0.2	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>

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

**Response:**

The college implements academic and non-academic reforms within their self-conceived development Programs that focus on quality and relevance, excellence, resource mobilization, greater institutional Autonomy with accountability, research and equity. The receipts primarily generated through the fees paid by the students joining in the programmes offered by the college. Any deficit in the receipts would be managed by seeking funds from the parent trust or borrowed from the banks in the form of OD. These funds are utilized for the research and laboratory development for the benefit of society and students. The institute has a well-defined mechanism to examine effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development.

The institutional budget is prepared by Principal every year taking into consideration of recurring and nonrecurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this all coordinators of different cells viz., R& D Cell, Exam Cell, T&P Cell, NSS Cell, etc. were also instructed to submit their budget through the Principal. All the major financial decisions are taken by the Institute's Governing Body (GB). All the major financial transactions are analysed and verified by the governing body under different heads like Research & Development, Training & Placement, Software & Internet charges, Library Books/ Journals, Repair & maintenance, Printing & stationary, Equipment & Consumables, Furniture & Fixtures.

Wherever funds are inadequate, the management borrows loans to meet out the expenditure. Given the nature of the institute, it stands a limited scope for fund mobilization. Despite of this, the college management never compromised on providing high quality engineering education with an affordable cost to the students as per the directions of the state government. It clearly indicates that the management has the social commitment of serving the society and thus sincerely contribute to the mission of the state government and partnered in the progress of the state in a little manner through empowering the young minds.

## **RESOURCE MOBILIZATION**

AITK follows a strategy for mobilizing resources and ensuring transparency in the financial management of the institute. It primarily depends on the quality enhancement and the reputation of the Institution. Competent faculty with a higher qualification, State- of the art- laboratories and good placement record enabled fixing of better fee by the Govt. Fee Regulatory Authority.

The following are the different ways of mobilizing the funds in the Institution.

### **1. Tuition fee:**

The major source of revenue generation is tuition fees collected from students.

The appropriate fee is fixed, as per the norms, by Fee Regulatory Authority of Govt.

### **1. Rentals:**

Computer labs and test centre's generate revenue by providing space and resources to various competitive exams.

## **RESOURCE UTILIZATION**

The resources are utilized for the following as per the approved budget.

1. Employee Salaries & benefits are a major component of expenditure.
2. Furniture, Laboratory Equipment and Consumables, etc.
3. Library.
4. Skill Development and Innovation
5. Training & Placement.
6. Software procurement, up-gradation and maintenance.
7. Wi-Fi, Internet & Networking.

8. Student Services - NSS, Sports.
9. Power and fuel.
10. Printing and Stationery.
11. Postage and telephones.
12. Affiliation and Renewals.
13. Travel and conveyance.
14. Repair, Replacements, and Maintenance.
15. Taxes and licenses.
16. Scholarships to merit and poor students.
17. Campus maintenance.
18. Events.
19. Miscellaneous expenses.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## 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

#### Response:

#### About IQAC

Annamacharya Institute of Technology and Sciences strives to impart quality technical education as it stated in its vision statement. In this endeavor, the college takes feedback from all the stakeholders, i.e. from the students, parents, alumni, recruiters, academicians etc, to improve the quality of the teaching-learning process and also to enhance employability skills. As part of this continuous process, revisions were made in the examination, evaluation and assessment system.

As per the guidelines of UGC and NAAC, an Internal Quality Assurance Cell (IQAC) was constituted to monitor the quality of education offered by the college. The IQAC was set up under the chairmanship of the Principal Dr. A. Sudhakara Reddy and coordinator of IQAC Dr. S. Mohana.

The members of IQAC include the Student Representatives, Alumni, Heads of the Department, Representatives of the Management & Administration, and industry experts.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities ( For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives )**

**Response:**

**About Central Library:**

The Central Library of Annamacharya Institute of Technology and Sciences is a part of academic system whose primary function is not only to serve students, researchers, faculty, and staff but also to create a conducive environment for education, research, and innovation.

Library plays a vital role in the life of an institution. Rich library is an asset to the Institution. AITS have a well - established library.

Library is an integral part of our Academic Centre of Excellence for Teaching and Learning. Many new dimensions have been added to the library. Electronic information resource as an important component of the library is growing year after year. The computer has swept the library in all its operations-storage and dissemination of information.

The Library is highly frequented by the students and the staff. Special care is taken to educate and encourage its users on the importance of reading. The Library has a considerable number of staff, and its services are highly satisfactory.

The Library operations are fully automated using the 'TLSS' (Total Library Software System) package. Students and Staff can browse the library database (OPAC) by clicking the key words like – Author, Title, Subject, etc. Books are issued through bar-coded membership cards to the students and faculty members of the College from the circulation section.

The Library has a stock of over 16,550 volumes and 3,115 titles. The College subscribes to 40 national and 30 international Journals. The Library is also equipped with CD-ROMs, Video and Audio Cassettes. The facilities available in the library are to help the students for preparation of GATE, IES, GRE, TOEFL and IELTS. The Library services are totally computerized with an internet facility to get instant access to the digital Library. Library is kept open from 8.00 AM to 6.00 PM on all working days.

Institute has subscribed e-journals like DELNET, N-Digital Library and J-Gate: Engineering & Technology (e-journals & e-books) packages. NPTEL Video Lectures are available and 10 Computer terminals to access Internet /e-Learning resources in the Digital Library.

## Policy Document of Teaching – Learning Methodologies

Teaching is a process of imparting knowledge to the student. Learning is a process of acquiring knowledge through interaction, practice and experience. Teaching-Learning process encompasses an educator assessing the learning needs, establishing specific learning outcomes, developing teaching-learning strategies, implementing the plan of work and evaluating the outcome of instruction delivery. Teaching-Learning process becomes effective when the educator possesses good command of subject knowledge and presents the subject matter using dynamic and progressive methods. Further teaching-learning process will be more effective when the teacher understands the interests, abilities, aptitude and limitations of student learners.

Educating is a course of conferring information to the understudy. Learning is a course of procuring information through communication, practice and experience. Educating Learning process includes an instructor surveying the advancing requirements, building up explicit learning results, creating educating learning techniques, carrying out the arrangement of work and assessing the result of guidance conveyance. Instructing Learning process becomes compelling when the instructor has great order of subject information and presents the topic utilizing dynamic and moderate strategies. Further educating learning cycle will be more compelling when the educator comprehends the interests, capacities, inclination and restrictions of understudy students.

### The objectives are:

- To encourage the faculty members to utilize ICT tools to enhance the participation of the learners and to cater to the varying learning levels of individual learners. This policy promotes a learning-centered approach where students are co-creators of knowledge and learning environment.
- The educators are instructed to utilize power point presentations, animations and models to increase the learner focus and provide visual impact.
- All resources that support the student learning such as library, laboratories and learning resources form an integral part of all courses in all programmes. Modular Object Oriented Dynamic Learning Environment (MOODLE) is a platform employed for dissemination of course materials and posting assignments.
- The learners and educators are encouraged to take Massive Open Online Courses (MOOC's) under Swayam NPTEL, Coursera etc., to enhance self-learning amongst students and faculty members. The MOOC's platforms provide online pre-recorded video lectures and assignments to facilitate learning by providing self-assessment at regular intervals.
- The educators are instructed to employ various pedagogical methods such as participative learning, experiential learning and collaborative learning to enhance learning levels of students. Participatory learning methods make the learner active. These methods include assignments, group discussions, field visits and case studies experiential learning provides the learners an opportunity to acquire hands on training. These methods include conduction of experiments in laboratories and carrying out projects which enable the students to grasp the concepts in a better way. Collaborative learning provides the learners to work in small groups by interacting with their peer team members to solve problem / task. This helps the learners to develop leadership qualities and team work.
- The learners provide feedback on faculty member involved in teaching twice in a semester. This valuable feedback helps the educator to improve quality of teaching in near future.
- The institute has initiated the conduct of online classes for students during the COVID- 19

pandemic using Microsoft Teams. The faculty member enrolls the appropriate students in his / her channel. Microsoft Teams provides a platform for conduction online classes, dissemination of course materials, conduct of class tests and periodic quizzes.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 6.5.3 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)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

**Response:** C. 2 of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste web link of Annual reports of Institution	<a href="#">View Document</a>

## 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 during the last five years.**

**Response:**

The institute provides the following facilities for women in the campus.

- **Safety and Security:**

The important places in the institution such as Main entrance, Examination halls, classrooms, corridors, library, Labs and Controller of examinations office are under 24x7 CCTV surveillance.

- Complaint and suggestion boxes are made available in every floor of all the academic blocks.
- ID cards have made mandatory for each and every students as well as teaching and

Non-teaching staff to prevent Entering of Unknown Persons in the campus.

- The Institution has constituted women development cell and Anti Sexual Harassment Committee for the safety and security of women and girl students.

**(i) Women Development Cell:** An exclusive women development cell headed by

Asst.Prof.S.SHABANA BHANU has been constituted by the Institution.

The following are the functions and responsibilities

- To conduct awareness programs to emphasize on the rights of the women.
- To develop the self confidence of women.
- To guide about Women Welfare Laws.
- To highlight the importance of health and hygiene.
- To direct Women's role in the society.
- To develop multi disciplinary approach for the overall personality development.
- To formulate equity action plan in the development activities of the Institution.

**Anti Sexual Harassment Committee:** The Anti sexual harassment committee headed by Dr.M.S.PRIYADARSHINI, is constituted in the institution and following are the functions and responsibilities:

- To build self-esteem and dignity among girl students and women faculty members.
- To create and ensure a safe environment that is free of sexual harassment.
- To create an atmosphere promoting equality and gender justice.
- The mechanism for registering complaints should be safe, accessible and sensitive.
- To recommend to the concerned authorities the follow-up action and monitor the same.
- To seek medical, police and legal intervention with the consent of the complainant.

An exclusive professionally qualified student counselor has been appointed for personally counseling the students on a need basis on various issues like: stress management, self esteem issues, lack of motivation, time, management of friendship issues, emotional issues, behavioral issues, adjustment issues etc.

The counselor conducts group sessions to motivate the students to set appropriate goals and to help them gain clarity on their priorities. Students with backlogs are counseled at regular intervals, for academic motivation and strategies for time management.

Lateral entry students are offered group counseling sessions in order to help them integrate with the main stream students.

For every student there is a faculty counselor and they meet as per the schedule apart from schedule hours. Students can meet their mentors in office hours of the faculty.

1:20 is the mentor mentee ratio maintained. Every first-year student will have two mentors one from freshmen and one from the department.

Parent teacher meet every semester to update the status of their wards and timely updates about the students to the parents.

• **Common Room**

Common rooms (113A, 113B-41.01 Sqmts) are available in each Academic block of the Institution which is equipped with tables, chairs, beds with linen, drinking water coolers and wash rooms, exclusively for girl students and women employees.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Link for annual gender sensitization action plan	<a href="#">View Document</a>

**7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures**



- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

**Response:** A. 4 or All of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

**Response:**

- **SOLID WASTE MANAGEMENT**

Our Institution has taken many initiatives towards waste management. The Institute follows the principle of 3R (Reduce, Reuse and Recycle) to meet its objective of Sustainable Development by bringing ecological balance.

The vegetable waste from the canteen are arranged to be disposed regularly to keep the campus clean. Being an educational institution, the college does not generate any hazardous waste. The institution's key operations have very less impact on the environment as the college is very conscious of generating less waste. However, waste is generated by all sorts of routine activities carried out in the College that includes paper, plastics, glass, metals, foods, etc. The college believes its utmost responsibility to remove all waste not only for the safety of the students but also for the harm it causes to the environment.

Adequate number of trash cans and dust bins are placed all over the campus. The collected waste is disposed with the help of Municipality twice in a week.

The institute promotes minimal plastic usage; it also encourages staff and students to reduce the usage of paper.

Sanitary Incinerators are installed inside the campus to promote hygiene.

Various awareness campaigns are organized on waste management .To sustain eco-friendly and green enabled campus, various NSS programs like Swachh Bharat, Clean & Green activities and plantation in campus are regularly conducted.

- **LIQUID WASTE MANAGEMENT:**

In our Institution all the buildings are architect designed taking into account for maximum utilization of natural resources. Awareness among the students and staff on water conservation is created. The campus is zero water discharge campus i.e. no water is discharged outside the campus as the treated water is used for gardening.

Water conservation has become the need of the day. Rainwater harvesting is a way to capture the rainwater at the time of downpour, store that water above the ground or charge the underground water and use it later.

Water harvesting: The Institution has significant provisions for rainwater harvesting. Rain water harvesting pits are placed in all blocks of the college. The rain water is channelized properly to recharge the ground water level.

As we maintain Different types of Dustbins for solid and Liquid waste. Number of Dustbins are Placed in various places in the campus. All the waste generated is collected in to those dustbins. The Liquid waste is disposed on daily basis.

The institute is tie up with C.K.Dinne, village, mandal Panchayath. As the solid waste generated from various Places of the campus are collected by the vehicles of mandal Panchayath twice in a week.

- The e-waste includes a wide range of electronic and electrical items such as computers, printers, Keyboards etc. Electronic machines and goods are put to optimum use. The institute takes efforts to minimize e- waste by repairing the computer peripheral and electronic components. The institute is tie up with shiva shakti Traders (Dealers in collecting All Scrap & Old Computer). The E-waste generated from various Departments of the institute is collected and sent to shiva shakti Traders.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Link for Geotagged photographs of the facilities	<a href="#">View Document</a>

#### 7.1.4 Water conservation facilities available in the Institution:

- 1.Rain water harvesting
- 2.Borewell /Open well recharge

3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

**Response:** B. 3 of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

**Response:** A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>
Any other relevant documents	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

**Response:** C. 2 of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

### 7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

**Response:** B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

### 7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

**Response:**

The Institution has the following efforts/initiatives in providing an inclusive environment.

The Institution celebrates the cultural, regional, linguistic, communal socioeconomic diversities.

AITs, Kadapa celebrates Freshers' Day every year. College organizes fresher's day to the freshers every year. The main aim of this event is to give a warm welcome to the new comers. Such events not only build their confidence but also add creativity to their levels.

The very purpose of the Fresher's day is to welcome new comers in a friendly atmosphere and avoid social

evils, to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college.

### **AITS Kadapa celebrates Sankranti**

AITS Kadapa celebrated the auspicious occasion of Sankranti Sambarlu on 11.1.2020. Events during the celebration: Rangoli competition, volleyball competition, food festival, prize distribution. **Participants:** Dr A Sudhakara Reddy, Principal, AITS, Kadapa, department HODs, staff members and students participated in it.

### **AITS Kadapa celebrates Ugadi**

AITS Kadapa celebrated the auspicious occasion of Ugadi. **Ugadi** or **Yugadi**, also known as **Samvatsar?di** (lit.?'Beginning of the Year'), is the New Year's Day for the states of Andhra Pradesh, Telangana, and Karnataka in India.

It is festively observed in these regions on the first day of the Hindu lunisolar calendar month of Chaitra. This typically falls in April month of the Gregorian calendar.

The day is observed by drawing colourful patterns on the floor called Muggulu, mango leaf decorations on doors called torana, buying and giving gifts such as new clothes, giving charity to the poor, oil massage followed by special bath, preparing and sharing a special food called *pachadi*, and visiting Hindu temples.

The Ugadi *pachadi* is a notable festive food that combines all flavors – sweet, sour, salty, bitter, astringent and piquant.

In Telugu and Kannada Hindu traditions, it is a symbolic reminder that one must expect all flavors of experiences in the coming new year and make the most of them.

Ugadi has been an important and historic festival of the Hindus, with medieval texts and inscriptions recording major charitable donations to Hindu temples and community centers on this day.

Our college celebrates a grand event on Ugadi as all the staff members and students are informed to wear traditional dresses and to join the event.

### **AITS, Kadapa celebrate Farewell Day every year**

Farewell is basically **a get to gather kind of celebration for the seniors who will be soon steeping out of that particular institute**. Hence juniors wish their seniors a good luck for their next big adventures in various forms like singing, dancing, with motivational speeches or by felicitating them.

Every year our college celebrates Farewell Day. All the juniors and Seniors together join the program and participate in the cultural events and the senior students share their memories.

Our college Principal Dr.A.Sudhakara Reddy garu as a chief guest delivers his valuable suggestions to the final year students and other dignitaries from various departments deliver their valuable suggestions and the event end by vote of thanks.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

### 7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

#### Response:

Various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India will be defined.

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students of the college has taken the initiation of introducing the Constitution of India as an audit course to its students besides organizing sensitization and awareness programmes in the college regarding Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness, Civil Safety, Values ,cleaning our surroundings and maintaining clean Environment.

As a part of that More than 40 NSS volunteers took part in the cleanliness drive in our College Library, Kadapa. The NSS volunteers cleaned the books and racks of the library in the reference section. The students of CSE and ECE participated in the cleanliness drive. The library staff also joined the NSS volunteers in upkeep and cleanliness drive. Our College Principal Dr A Sudhakara Reddy, the programme officer Dr T Sankar Reddy, and NSS Programme Coordinators Y S Venkata Srikar, S Adil Basha, Mohammad Ali and S Adeeba Tasneem launched the drive. P Rama Subba Reddy AITS librarian along with N Vijay Bhaskar and Y Kulayamma coordinated the drive and lauded the NSS volunteers for their social service.

On 30/12/2021, a face masks distribution campaign was organized by the **NSS UNIT, AITS, Kadapa**. As the Chief guest Circle Inspector of police **Sri. S. Srinivas Rao** and Principal, AITS, Kadapa **Dr. A Sudhakara Reddy** participated and they have to give awareness speech to the students on Crisis of COVID-19 & how to take precautions and overcome it.

Around 500 face masks were distributed to ignorant people, poor people, auto drivers, rickshaw pullers and pedestrians in surrounding areas and on the national highway by the NSS Volunteers. NSS Program Officers Dr. T Sankar Reddy, Y Venkata Srikar, HOD of AIDS Department Dr. M. Venkata Ramana and Staff members are also participated in the program and distributed the face masks.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

**7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

**Response:** B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>

**7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

As a tribute to greatest Indian Engineer sir Mokshagundam Vishweshwaraya on his birth anniversary the institute celebrates Engineers Day every year on September 15th. Various technical programs are conducted to mark this occasion. Technical competitions are conducted and prizes are distributed. An eminent Engineer is identified and felicitated every year on this occasion

**INTERNATIONAL SCIENCE DAY**

Every year our institution takes a part to celebrate International Science Day

Every year, World Science Day for Peace and Development has a theme. In 2021, the organizers have addressed the problems of climate change across the planet. The theme will highlight the importance of "Building Climate-Ready Communities".

World Science Day for Peace and Development is on November 10. The day was proclaimed by UNESCO in 2001. The first World Science Day for Peace and Development was observed on November 10, 2002.

This year marks its 20th edition.

### Significance

World Science Day gives different organizations an opportunity to attain the goals proclaimed in the Declaration on Science and the Use of Scientific Knowledge. It also enables authorities to follow up the recommendations of the Science Agenda: Framework for Action.

### A REPORT ON WORLD WATER DAY

On the eve of World Water Day on 22nd March, 2019 our Department has conducted elocution and drawing competitions for 9th Standard students held at S.V.High School Bayanapalli. Dr. P. Sri Chandana Professor and H.O.D has distributed the prizes to the winners. Awareness on the water conservation was also given in the form of presentation to the participants. We are thankful to the management and Principal Dr. Sudhakara Reddy sir for giving this opportunity.

### REPORT ON INTERNATIONAL MATHEMATICS DAY

By Prof. DR.NARAPARAJU KISHORE KUMAR, BITS-PilaniI, HYD.

Organized by  
Department of Humanities and Sciences, AITS, Kadapa

Every year our College celebrates Mathematics Day on December 22nd to Commemorate the Birth Anniversary of Mathematician Srinivasa Ramanujan

The goal of this mathematics course is to provide Engineering students and college freshmen an introduction to basic mathematics and especially show how mathematics is applied to solve fundamental engineering problems. The aim of the course is to show the students why mathematics is important in an engineering career by demonstrating how simple engineering problems can be mathematically described and methodically analyzed to find a solution.

He displayed number of applied examples from various engineering disciplines will be introduced, analyzed and solved.

File Description	Document
Link for Geotagged photographs of some of the events	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>
Link for Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 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:**

**The best practices identified are as follows:**

**1.Courses that enhance Employability Skills**

**2.Developing the students According to their aspirations.**

**Best Practice 1:**

**Title of the Practice:** Training programs for students to enhance their skill sets for a holistic development.

**Objectives of the Practice:** To train students on life skills so that they can excel in their academics and also in the careers of their choice. To train for Campus Recruitments.

**The Context:**

- Students from vernacular backgrounds need additional training to acquire the skills expected by recruiting companies.
- Most of the students admitted through lateral-entry i.e., with a diploma qualification, need more grooming to perform on-par with the other students.
- To provide requisite training for students to improve their prospects of being recruited in Product Development and/or Consulting and service-based companies.

**The Practice:**

The Institution provides well-structured skill training programs for students of all branches of B.TECH, M.Tech and beginning from their initial semesters itself, which helps them learn progressively. The details of the training.

**Programs are Mentioned Below:**

- English language and communication skill course is part of the curriculum, in I and II Semesters, which help in honing the communication skills of the students. A class of 60 students is divided into 3 batches of 20 each and they are given ear- training in the Phonetics lab, thus enabling them to get rid of their mother tongue influence when speaking in English. In the Interactive Communication skills lab students actively participate in group discussions, public speaking, debates and presentations, while in the Reading lab students are taught various comprehension strategies to enable them to read different text types.
- In addition to the above, the students also undergo 56 hours of training in III Semester and 56 hours of training in IV semester, to enhance the LSRW skills (Listening, Speaking, Reading and Writing). These training sessions are conducted with an objective to improve the comprehension skills of students. Also during the III and the IV semesters, a class of 72 students is divided into two

batches, each consisting of 36 students. Two trainers are provided for each batch to ensure that every student gets the attention needed thus making sure that there is maximum participation. Students are given team tasks and activities thus encouraging participative learning.

- Furthermore, during the V and VI semesters, training is imparted on soft-skills such as Quantitative, Logical, Aptitude, Verbal, Reasoning to mention a few. This aids in preparing the students for the recruitment process, for entrance exams for higher studies and for other competitive examinations. The students are also provided with on-line resources (on-line videos) and on-line tests, every week, to enable them to prepare for all the above mentioned exams.
- The classes conducted during the III, IV, V and VI semesters are outsourced to third-party training partners. This is done because the trainers have industry experience and understand the need to bridge the gap between the curricula and the industry requirement and the demands the industry makes on fresh graduates. The students are given inputs based on the requirements of various companies.
- The third-party training partners also take care of providing on-line resources like on-line videos and on-line practice tests every week and they also monitor the performance of the students in the online tests. They share the reports of the performance of the students in the on-line tests with the respective departments.
- In the academic year 2017-2018, the Institution also started Technical Skills Training programs and embedded it into the curriculum, for the students graduating in the year 2019. This is owing to the fact that the model of recruitment process by various companies has changed. Most of the recruiting companies are now expecting the students to have basic programming skills irrespective of the branch of engineering they pursue. These Technical Skills Training programs include IT related skills namely Fundamental Programming Skills and Advanced Programming Skills.
- Based on the feedback of the students graduating in the year 2019 and on their success in the recruitment process, the Institution decided to continue with the Technical Skills training programs making significant modifications as and when required based on the industry needs so that the students are better prepared for the recruitment process.
- The CRT (Campus Recruitment Training) program is conducted for the students during the summer vacation between VI and VII semesters. This program includes 140 hours of training in communication and aptitude skills. This is done to reinforce the skills students acquire as part of the training conducted in III, IV, V and VI semesters. Besides these skills, the students are also trained in Group Discussions, Resume Preparation and Interview Skills. They are also given company specific online practice tests every alternate day, during this training period. Based on the performance in these tests, the training sessions are customized to cater to the needs of the students and the industry, constantly monitoring their performance and making them adept at these skills.
- Pre, mid and post assessment tests are administered to the students by M/s. Co cubes, which provides a proficient on-line assessment tool. M/s. Cocubes is also a hiring agency. The pre assessment test helps in identifying the training needs of the students and assists in customizing the training imparted based on their student competencies. Based on the scores obtained by the students in the pre-assessment test, the students are divided into batches. After the pre-assessment test the student's performance is re-evaluated in the mid-assessment and the training sessions are then oriented to fix the gaps. A post-assessment test helps the students to understand their areas of improvement, if any, so that they can enhance their proficiency levels during the training. The post-test also helps the institution to identify the effectiveness of the training programs and make changes, if needed, accordingly.
- The pre-assessment test is conducted before the commencement of the CRT. The mid-assessment test is conducted after two weeks of training. The post-assessment test is conducted on completion of the CRT sessions.

- Company-specific online practice tests are also provided to the students just before a particular company visits the campus for the recruitment process. This helps the students in preparing for their recruitment.
- Every year many students across all the branches of B.TECH, M.Tech secure internships in industries of their respective discipline.

### **Evidence of Success:**

With the combined effort and commitment of the institution and students, the institution has achieved very good results during on-campus recruitment processes. This has led to the increase in the quality, as well as, number of recruitments. Placement Summaries for the last 5 years indicate that the students have been performing

Consistently well and are recruited by reputed companies and the average pay package has been increasing year after year.

2016-2017 – 65 students secured jobs with an average pay package of Rs. 3.5 LPA

2017-2018 – 70 students secured jobs with an average pay package of Rs. 4.00 LPA

2018-2019 – 79 students secured jobs with an average pay package of Rs. 4.25 LPA

2019-2020 - 55 students secured jobs with an average pay package of Rs. 4.5 LPA

2020-2021 – 108 students secured jobs with an average pay package of Rs.5.25 LPA

### **Problems Encountered:**

- Some of the students, though academically capable, could not afford the cost for the training due to their poor economic background. The college supports these students by extending financial assistance.

### **Resources Required:**

- Professional trainers for imparting training.
- Resources to conduct training i.e., video lectures on topics in communication and aptitude, online exams for practice purpose, company-specific mock tests, etc.

## **Best practice 2:**

**Title of the Practice:** Developing the students according to their aspirations.

**Objectives of the Practice:**

1. To encourage the students aspirations.
2. To give an awareness about the opportunities which are available in private and Government sector
3. To motivate the students to join in Higher Education.
4. To motivate the students to reach the high position in their fields.
5. To motivate the students to join in Service sector

## **The Context:**

The institute has been motivating the students to develop according to their aspirations. The institute has been trying to understand the students through the ways they grow and develop. It is important for the institute to understand that every student is different and therefore, will learn in their own ways. The institute meets the needs of all students specifically by creating learning experiences for all to comprehend. Differentiated instruction would be helpful in a classroom in order to meet the needs of students who have differences when it comes to interests, readlines and learning needs.

## **The Practice:**

1. various events has been conducted every year, as a part of the cultural event, literary writer and senior Actor sri Tanikella Bharani from Telugu Industry were invited to encourage the students to aspire their aspirations.
2. Eminent politicians have been invited to the college to encourage the students to enter into the service sector and help the society.
3. The Institution has been conducting so many awareness program about the government sector by inviting the grate persons who were settled in the Government sector to motivate the students to join in the sector, for this so many students joined in the Government sector.
4. The institution has been conducting so many programs to enhance the student's personal life, professional life and motivating the students joining in the higher education by inviting the successful people around the state, for this so many students joining in the higher education.

File Description	Document
Link for Best practices in the Institutional web site	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

## 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:

#### **DISTINCTIVENESS**

- **AITK Developed college Maintenance Software.**
  - Module 1: Seating plan for conducting internal and external Exams.
  - Module 2: Preparation of Time tables for even and odd semesters.
  - Module 3: Comprehensive online exam as per JNTUA.
  - Internal Examinations Management System(IMS)
- **Poor Students Fund Welfare Association.**
  - This Association was started with the aim of helping the poor students of AITK in 2017. we select the students based on their economics states from all the Branches. The selected students will be given Rs 500/-each to the completion of their courses.
- **AITK Fund Box**
  - The Fund Box was started in 2017 with the aim of helping the poor people. Under this we have been helping many poor people.
- **AITK INCENTIVES**

#### **1. For students**

If a student gets 90% marks and above in one academic year, they will get the total amount, what they pays to the institution.

If a student presents a paper in other colleges/journals/workshops/conferences, they

Will get the amount what they spends.

#### **1. For the faculty members**

If a faculty member produces 100% results in one subject they will get incentives.

If a faculty member presents a paper in other journals/workshops/conferences they will get the amount what they spent

### **Pradhan MantriKaushalvikas Yojana(PMKVY).**

As a new initiative towards its social responsibility. The institution has started a Skill Development Programme under the Pradhan MantriKaushalVikas Yojana (PMKY). Under this program many students were trained and get benefited

### **COVID 19 Vaccination Camp**

- The Institute has been concluding COVID 19 Vaccination Camps to encourage the Faculty. Staff and student to eradicate the pandemic disease. 100 member were vaccination under the COVID 19 Vaccination Camp. Which was conducted by the Institute

- **Examination Center for all Competitive Examination.**

The institute is facilitating to conduct competitive examination under this center. Those are like

- IBPS-SBI
- IBPS-LIC
- IBPS-IDBI
- IBPS-CRP/OS
- IBPS-CRP/OA
- DCCB
- EAPCET
- APECET
- APICET
- AP PG.ECET
- AP G-CET
- NEET-PG
- NPTEL
- TSNQT
- COMDEK
- AP-LAW CET
- AP-LP CET
- AP-TET
- AP-DSC
- JEE.Adavance
- GATE
- APR-CET
- APPSC-DEPARTMENT
- APSCFS
- APGWS
- IITM-BSC

◦ **Campus Recruitment Training**

- Quantitative Aptitude.
- Verbal & Non-Verbal Reasoning.
- Verbal Ability.
- Python
- C Language.
- C++.

◦ **Practical Exposure through Industrial Visit from first year onwards(including sciences related courses)**

◦ **Blood Donation Camp**

- The Institute has been conducting Blood Camps with aim of helping the needy persons. So many students have been donating their blood and saving so many people irrespective of caste, creed, religion.

◦ **MEGA JOB FAIR- 2021**

- Andhra Pradesh State Skill Development Corporation (APSSDC) & Annamacharya Educational Trust joined hands to provide a common platform where industries and job seekers can meet each other's requirements.
- This Mega Job Fair was hosted by Annamacharya Institute of Technology and Sciences, Kadapa, on 25th NOVEMBER 2021. The industries and IT Companies were invited for participation in the Job Fair with an aim to provide jobs to students from B.E./B.Tech./M.Tech. / B.Pharm./ M.Pharm./ BCA/ MCA/ MBA/ Diploma who were going to complete their graduation in 2022 or those who had completed the same in previous years. The invitations were sent to colleges of Andhra Pradesh and also open invitations were given through social media from APSSDC & AITS, Kadapa.
- The response of the students motivated the organizers as total 4000 students registered online/offline from various organizations for participation in the Job Fair. On the day of Job Fair about 3800 students participated in the Job Fair from various streams. To recruit these candidates, total 54 companies joined hands with the Job Fair team and on 25th NOVEMBER 2021 total 51 companies conducted interview rounds of these candidates. On the day of Mega Job Fair, 25th NOVEMBER 2021 reporting of the candidates started from 9:00 am and inauguration ceremony took place at 10:30 am in AITS College Auditorium.
- In this occasion Respected Parliament Member of Kadapa Sri Y.S. AVINASH REDDY Garu, APSSDC Chairman Sri. Konduru Ajay Reddy Garu, Employment Officer
- SMT Satya Prabha Garu, Principal Dr. A. Sudhakar Reddy as well as Chairman of the Institution Sri Choppa Gangi Reddy Garu remain present in the inauguration ceremony.
- Mr. O. Homa Kesav, Training & Placement Officer, AITS, Kadapa, addressed the company representatives/H.R.S. and participants and motivated them to give their best efforts.

## **Library Books Cleaning and Sorting**

More than 40 NSS volunteers took part in the cleanliness drive in our College Library, Kadapa. The NSS volunteers cleaned the books and racks of the library in the reference section. The students of CSE and ECE participated in the cleanliness drive. The library staff also joined the NSS volunteers in upkeep and cleanliness drive. Our College Principal Dr A Sudhakara Reddy, the programme officer Dr T Sankar Reddy, and NSS Programme Coordinators Y S Venkata Srikar, S Adil Basha, Mohammad Ali and S Adeeba Tasneem launched the drive. P Rama Subba Reddy AITS librarian along with N Vijay Bhaskar and Y Kulayamma coordinated the drive and lauded the NSS volunteers for their social service.

◦ **Conclusion**

**Vision**

To emerge into excellence meeting the changing needs of society by fostering on its traditions of knowledge, innovation, problem solving, professional and technological acumen, and discipline. Transforming individuals into highly enlightened professionals enriched with innovative technical skills entwined with intellectual, ethical and humane sensitivities.

**Mission**

- Our primary mission is to move frontiers of technological knowledge, enrich and elevate the rural education seekers, endow them with technical skills, ethics, innovative thinking and leadership qualities enabling them to utilize their competencies for the sustainable development of the nation and mankind.
- Emerge into premier institute by imparting quality technical education to enhance knowledge and employability skills.
- Promote upgradation of teaching and research skills to cater to the societal needs.

◦ **Additional Information**

- Annamacharya Educational Trust was founded in the year 1997 by a group of highly educated and service-minded individuals with a noble intention of providing professional and higher education to the students coming from backward rural areas of Rayalaseema.
- The motto of the trust is: “Vidvan Sarvatra Pujyathe”. The Educational Trust was registered in the year 1997 with Regd. No. 135/IV/97 with its Head Quarters at Hyderabad. This Educational Trust, which is the promoting body, established the following colleges at Rajampet, Kadapa District, Pignipur, Ranga Reddy District, and Tirupati, Chittoor District.
- The mission of the promoting body, Annamacharya Educational Trust, is to provide quality education to the needy students of Rayalaseema region. As further expansion, the Trust proposes to establish some more technical and non-technical Institutions in A.P.



File Description	Document
Link for appropriate web in the Institutional website	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

NAAC

## 5. CONCLUSION

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### Additional Information :

- Institution is situated at accessible location close to the city on NH40. Several large-scale industrial establishments such as cement industries, thermal power plant, APIIC etc along with small-scale industries are at nearby distances which brings significant advantage to expose students to technology and research encouraging them to start-ups.
- The institute has become a top choice among the engineering aspirants in the region
- The students and faculty of the institute actively participate in NPTEL/SWAYAM, few as Elite persons.
- The institute is generating consultancy revenue through testing and consultancy activities
- The institute maintains a congenial ecosystem with lush greenery and landscapes reflecting pollution free environment. Campus is always encouraged to be plastic free.
- The institute was accredited by TCS in the year 2020 and having an ION centre in the campus
- The institution has powerhouse installed with 125 kVA and solar power with an installed capacity of 100 KWP.

### Concluding Remarks :

The institution has state of the art laboratories which are upgraded in tune with the syllabus framed by the University. The faculty members are focussed to impart knowledge to the students to improve their skills and work accordingly. Student's training programs, industrial visits, technical exhibitions help bridge gap between industry and academia along with enhancement of skill set.

The institution is well organized with statutory committees such as Governing Body, Finance committee etc to take care of the policy decisions and proper functioning of the institute. All the staff are bound and work according to service rules with dedication.

Mentoring system is systematically followed thus effectively handling academic and personal issues of the students. Training and Placement cell imparts necessary training including company specific training, consequently 200+ campus placements were recorded in the academic year 2020-2021. The institute encourages conduction of Engineers Day every year without fail which includes technical quiz, exhibition of models and designs to bring out the innovative ideas of the students.

The institution always strives to progress continuously through proper planning and execution of various academic and institutional activities for overall development of all stake holders and produce employable graduates at international level. Further, the institution aims to become autonomous so that measures can be taken to meet the industry requirements.