



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI
Name of the head of the Institution	C NADHAMUNI REDDY
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0877-2285695
Mobile no.	9948149222
Registered Email	aitstpt@yahoo.com
Alternate Email	nadhamuni_reddy@rediffmail.com
Address	Venkatapuram village, Karakambadi Road, Renigunta Mandal
City/Town	TIRUPATI
State/UT	Andhra Pradesh
Pincode	517520

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	01-Jul-2019																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Dr . S . KISHORE																		
Phone no/Alternate Phone no.	08772285609																		
Mobile no.	9908588567																		
Registered Email	directoriqac.aitstpt@gmail.com																		
Alternate Email	kishore.mbaaitstpt@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://aits-tpt.edu.in/wp-content/uploads/2020/03/AOAR_2018-19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://aits-tpt.edu.in/academic-calendar/																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.09</td> <td>2018</td> <td>26-Aug-2018</td> <td>25-Aug-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.09	2018	26-Aug-2018	25-Aug-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.09	2018	26-Aug-2018	25-Aug-2023														
6. Date of Establishment of IQAC	13-Nov-2014																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															

Personality Development Programme	13-Sep-2019 1	512
No Files Uploaded !!!		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
DEPARTMENT -ECE	STTP	AICTE	2020 7	325000
DEPARTMENT - MECH	FDP	AICTE	2020 14	560000
DEPARTMENT - ECE	MODROBS	AICTE	2020 180	648784
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Improved the Graduation Results AND Enhanced employability by implementing personality development programs, value added certificate courses and preplacement training program for the students, more avenues for students to engage in community services AND Sensitizing students to ecological and environmental issues. 2. Established linkages with Industries with Corporate companies AND Career Guidance and Placement Cell strengthened. 3. Upgraded Library by subscription to E Journals, E Books, E Learning for Self Learning. 4. Internal and External IQAC Academic Audit as per norms and Governing council meeting held on a regular basis with members of the committee as a part of Academic Review activity. 5. Publication of Journals of international standards AND Seminars, conferences and invited talks arranged for students and Faculty members AND ALSO Conduction of Faculty development programme every year.

No Files Uploaded !!!

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Academic audit	Academic audit has been done by internal and external members.
Administrative audit	Administrative audit has been done by internal and external members.
Automation of Softwares implementations	Implemented in Exam Section completely
OBE	Successfully implemented OBE for UG and PG programmes in latest regulations
Quality Enhancement Programmes for students and teachers	Facilities provided to get certifications such as NPTEL, FDPs etc.
Social responsibility Initiatives	More concentrated on NSS and provided services to the needy people
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Governing Body	17-Feb-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

11-Jan-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

07-Feb-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

The management Information System is in vogue and a committee looks after for the smooth functioning of the Institution. • The employee data have been collected and maintained regularly

in the data base. • The students data were maintained and used for attendance, fees payments, dues identification, placements eligibility for students, finds the backlogs etc., • It also helped to communicate the messages for stakeholders (alumni and parents). . Login credentials for the institution for the Gnanabhoomi portal(A.P. Govt. TFR scheme) are provided by the govt., through which students are facilitated to apply for tuition fee reimbursement and maintenance fee reimbursements. It helps the administration to categorize the students on socioeconomic factors, issue certificates required for submission to the govt. for other eligible claims.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	CE	04/09/2019
BTech	02	EEE	04/09/2019
BTech	03	ME	04/09/2019
BTech	04	ECE	04/09/2019
BTech	05	CSE	04/09/2019
Mtech	20	SE	04/09/2019
Mtech	82	PS	04/09/2019
Mtech	90	PEED	04/09/2019
Mtech	58	CSE	04/09/2019
MBA	1E	MBA	04/09/2019

No file uploaded.

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	First Year	22/07/2019	Problem Solving Skills Using C Workshop 2019-20	22/07/2019
BTech	Civil Engineering	13/08/2019	AutoCAD Workshop	19/08/2019
BTech	First Year	23/09/2019	Problem	28/09/2019

No file uploaded.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	PEED	04/09/2019
MBA	MBA	04/09/2019
Mtech	PS	04/09/2019
Mtech	SE	04/09/2019
BTech	EEE	04/09/2019
BTech	ME	04/09/2019
BTech	CE	04/09/2019
BTech	CSE	04/09/2019
BTech	ECE	04/09/2019

[View File](#)

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	CSE	04/09/2019
BTech	ECE	04/09/2019
BTech	CE	04/09/2019
BTech	ME	04/09/2019
BTech	EEE	04/09/2019
Mtech	PS	04/09/2019
Mtech	CSE	04/09/2019
Mtech	PEED	04/09/2019
Mtech	SE	04/09/2019
Mtech	DECS	04/09/2019
MBA	MBA	04/09/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Constitution of India	04/09/2019	14
Value Education	04/09/2019	14
Human Values Professional Ethics	04/09/2019	73
Legal and Business Environment	04/09/2019	73

No file uploaded.

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CSE	42
BTech	ECE	68
BTech	CE	15
BTech	ME	7
BTech	EEE	12
MBA	MBA	70

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>The feedback is collected at various levels viz. Students, Parents, Teachers and Alumni. Then the feedback is analyzed at upper management and the action taken once the feedback is received. Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring their satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities. Feedback is also taken from faculties, stakeholders and experts regarding industry trends and feedback to identify new demands of industry. Structured feedback is taken from students, alumni, employers and experts from academia, industry and research through course/programme review feedback A team of faculties takes feedback of internal and external subject experts including feedback of all course faculties of campuses to define/review the course objectives, contents, learning outcomes and assessment tools and put up the recommendations. Feedback is taken from eminent experts to integrate their feedback while defining curriculum/ programme. Feedback from students is also taken through meetings, and corrective measures are taken accordingly to improve the teaching-learning processes. Students Feedback: The feedback is collected at various level during the academic session. The academic feedback taken every week from the class representatives. a. General Feedback: feedback is taken on regular basis regarding the general facilities including mess, canteen, general hygiene and cleanliness. The actions to problems of urgent /Immediate nature are addressed by the authority immediately. The other problems which require management decisions are put up before the Chairman and also addressed accordingly. The comments are accumulated at various levels in the course of the academic session the feedback taken every week from the student representatives of individual class. General feedback: Feedback is taken on regular basis regarding the overall facilities such as computer lab,</p>

mess, canteen, well known hygiene and cleanliness. The actions to issues of urgent /on the spot nature are addressed by using the authority straight away. The alternative issues which require management approval are addressed to the Honourable Chairman. Faculty Feedback: The academic behaviour feedback from the students are analysed and the essential corrective measures recommended to faculty members. The remarks is likewise shared with department for any corrective measures Syllabus Coverage: One hundred syllabus coverage feedback is likewise gathered from the the Individual Subject Teacher. Parents Feedback: The parents' meet performed by using university each month of the semester aside from different problems permits mother and father to give tips concerning the curriculum of their wards that is duly cited with the aid of the applicable individuals within the college. Alumni feedback: The alumni of the college whove moved on to industry or for higher studies additionally give a feedback on how their years in the institution have helped them perform of their places of work/study. The alumni additionally supply constructive tips on helping the students gain extra recognition and improving themselves.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Structural Engineering	24	10	10
Mtech	Computer Science Engineering	18	1	1
Mtech	Power Systems	24	1	1
Mtech	Digital Electronics and Communication System	24	Nil	Nil
MBA	MBA	180	73	73
BTech	EEE	60	44	44
BTech	Mechanical Engineering	120	36	36
BTech	CE	120	47	47
BTech	ECE	194	191	191
BTech	CSE	194	194	194
No file uploaded.				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	512	87	149	21	11

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
181	181	7	14	7	16
No file uploaded.					
No file uploaded.					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Annamacharya Institute of Technology and Sciences, Tirupati mentored each student within mutually agreeable limits. Mentors have an open door. Each mentor keeps track each student on their progress. Each class consist of 60 students on an average 20 students are allotted to a mentor. Like that every class has 3 mentors. Every week counselling hour is included in the time table itself. Every week, there is a meeting on counselling. These mentors extend their mentoring on education, stress management, personnel problems, ragging, anti-social elements, anti-sexual harassment, behaviour, discipline, class behaviour, organizational behaviour, class works, preparations on examinations, time management etc. Mentors will evaluate the students' knowledge levels and their ability in all kinds of performances. Mentors will motivate students to reach their expectations. Mentors will also provide feedback after every regular counselling. Mentors will encourage posing some general questions to understand and learn from the real situations. During mentoring or any problems from the student, mentors try their level best to solve the problems. Further complicated, it will be brought to the notice of the HOD of the department. Still complicated, the case will be brought to the notice of the principal.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2025	181	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
202	181	21	27	32

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	NIL	IQAC / CIQA coordinator	NIL
No file uploaded.			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
----------------	----------------	----------------	--	---

MBA	ALL	ALL	19/09/2020	18/10/2020
Mtech	ALL	ALL	19/09/2020	18/10/2020
BTech	ALL	ALL	15/09/2020	28/09/2020
No file uploaded.				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
12	450	0.02

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://aits-tpt.edu.in/computers-science-engineering/#PEOs-PSOs-POs-and-COs>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
4	BTech	ECE	112	99	88.39
2	BTech	EEE	38	28	73.68
5	BTech	CSE	98	66	67.35
1	BTech	CE	94	87	92.55
3	BTech	ME	54	42	77.78
E0	MBA	MBA	69	59	85.51
No file uploaded.					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://aits-tpt.edu.in/igac/#Feedback>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	31/12/2020	NIL
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	14	AICTE	527415	527415
Students Research Projects (Other than compulsory by the University)	7	AICTE	408724	408724
Any Other (Specify)	2	AITTS	30000	30000
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Awareness workshop on Intellectual Property Rights	MBA	08/01/2020
No file uploaded.		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	31/12/2020	NIL
No file uploaded.				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NILNIL	NIL	NIL	NIL	NIL	31/12/2020
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
EEE	1
HS	2
ECE	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
------	------------	-----------------------	--------------------------------

International	CSE	2	2
International	CE	6	3
International	HS	13	6
International	ECE	4	2
International	EEE	5	2
International	ME	2	2
International	MBA	7	2
No file uploaded.			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MBA	1
HS	1
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Filed	0	31/12/2020
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Fresh properties of self compacting concrete using flyash and alccofine	J.Guru Jawahar	International Journal of Recent Technology and Engineering (IJRTE)	2019	6	JNTUA	3
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Ultrasound mediated green synthesis of pyrano[2,3-c]pyrazoles by	Dr.P.Lavanya	Arabian Journal of Chemistry	2019	11	5	JNTUA

using Mn doped ZrO2

[View File](#)

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	38	18	22	13
Presented papers	7	Nil	Nil	16

No file uploaded.

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
CE	STEEL TESTING	AMARARAJA GROUP OF INDUSTRIES	30000
CE	STEEL AND SOIL TESTING	WALL MART	10000

No file uploaded.

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0

No file uploaded.

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation	NSS Unit	10	100

[View File](#)

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
0	0	0	Nil

No file uploaded.

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities

NSS	NSS Unit	Plantation	10	100
View File				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
0	0	0	0
No file uploaded.			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training and Placement	Knowledge Sharing	SMARTBRIDGE	24/06/2019	17/07/2019	2
View File					

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
APSSDC	01/03/2019	Skill development Trainings	300
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
310	382.39

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
TLSS Software	Fully	z39.50	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	26464	6565444	47	19740	26511
Journals	294	1998625	Nil	Nil	294	1998625
e-Journals	5000	3649950	Nil	Nil	5000	3649950
e-Books	11800	540470	Nil	Nil	11800	540470
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
K Sumalatha	Cloud Computing	NPTEL	30/07/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	798	503	20	100	130	20	25	140	0
Added	137	126	7	0	0	0	4	0	0
Total	935	629	27	100	130	20	29	140	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

140 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Course Materials	https://aits-tpt.edu.in/computers-science-engineering/#Course-Materials

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
533	581.2	1400	1439.55

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The Institute has adequate number of the computers with internet connections in different localities like office, laboratories, library, departments, examination section, eclass rooms, auditorium etc. The central computer laboratory (B Block) connected in LAN is open for the students as time permits them. The office computers which are also connected through the LAN consists of the office software making work easier and systematic and are restricted their use only to the appointed office staff. The labs are also used to conduct Online Exams during weekends through Government Agencies. Log books are maintained by the technical staff for the students who use the facility. The computers and their accessories are maintained by allotted technical staff and Faculty in charge in labs. The Systems Analyst takes care of all maintenance services. If the equipment gets repair within the warranty period, then the supplier company sends its personnel to provide solution. The repair of the equipments that crosses the warranty period is checked by the System Analyst he acquires the needed parts and replaces it by new ones. Calibration of the equipment/instruments is taken up by the respective departments, every semester/year as and when required based on or according to the time frequency suggested by the supplier. Any deviation in this regard will be noted and necessary steps are initiated by calling the technicians from the supplier. A provision of the budget for the library maintenance is made by the college management. The activities like fumigating and keeping library clean is done frequently by library staff. Procuring of books is based on curriculum. If the book is damaged due to wear and tear, then the books are bounded for further use. Quarterly journals are also bounded to a single volume. Question Papers of JNTUA Examination, both hard and soft copy, are stored for reference. Visitor Log books are maintained in the library. Sports materials stock book is maintained with its usage record too. Purchases are done based on its wear and tear of the gadget. Canteen facility is available to students and staff with good ambience. The services are outsourced to private personnel. Transport to college is provided by the college buses. The duties of the Transportation in charge is to provide proper maintenance to the college buses, obtaining necessary clearance certificates, insurance, permits etc. from RTO, regular checking of the condition of the vehicles, appointment of well trained and experienced drivers. Regular maintenance record book is available with the in charge. The electrical maintenance staff under Maintenance Engineer take care of maintenance of Diesel Generators, maintenance of UPS systems and its batteries, maintenance of building and equipment earthing - measurement of earth resistance at regular intervals, ensuring the proper earth connection for various equipment in the labs and classrooms. This staff also makes sure of Power and Water Availability 24x7 in the campus.

<https://aits-tpt.edu.in/other/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	JVD scheme of AP Govt.	1302	67717050
b) International	Nil	Nil	Nil

No file uploaded.

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Coursera for corona virus response programme	01/04/2020	660	L4G Solutions Pvt. Ltd.
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Guidance for Competitive examinations	210	198	63	178
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
28	294	178	SMART DV, TCS, CTS, WIPRO	155	10
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	1	B.Tech	ECE	SV University	M.Tech
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
-------	---

GATE	14
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
intermural sports/culturals	Institute level	127
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NA	National	Nill	Nill	Nill	NA
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution has a well functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. The council organized a successful oath taking ceremony for various elected student representative of different committees. The student's council along with the college administration has actively solved many problems of the student's like admission, availability of resources etc. Various activity societies like library society, cultural activity society etc were form by student's council along with college management for smooth running of the tasks. Youth festival was organized in the institution by the student council and the college management in which various cultural activities were organized. The students council took initiative and have been successfully running the science council of the institution. The council actively participated in organizing and conducting programmes and other collegeial programs like tree plantation, cleaning of college premises, swach bharat abhiyan, blood donation camp etc. In the blood donation camp organize by students council, the staff and studends donated blood for which they were given certificate. The students council have also successfully conducted seminars and workshops for girls sefty, women helpline and eve teasing for sefty of the college girls. Under the guidance of students council, traditional festivals has been celebrated for last three years which have worked as a pillar in bringing unity and diversity. The students council also organize annual sports in which many team and individual events were conducted and the winner were given mementos and trophies. An audience gallery for the spectators was available in the ground. The main event of attraction was friendly cricket match between college staff and member of student council. Thus, the college students council have shown an active participation along with the college management for enhancing the name and fame of the institution The Institute has Student council and students actively get involved in various committees. 1. Class Committee - Each UG class has a Committee to review the academic activities, progress and improvement plans of all subjects of all semesters. The committee consists of HOD, Chair person, Class advisor and the students representatives (4 Members/semester/section). The committee will discuss the academic related issues including conduction of classes, question paper pattern and students grievances Guidelines of IQAC and submission of AQAR for Affiliated/Constituent Colleges. 2. Professional Bodies - In professional

bodies like IEI, ISTE, CSI, IEEE, IETE, SAE, student representatives actively participate by conducting Student conventions, chapters, technical events and quizzes etc with the help of faculty members. 3. Cultural Committee - The institution conducts annual cultural Fest, First year Inaugural function, Fare Well function through Cultural committee. From all departments, students representatives will be the members of Core committee, creative committee etc. They will help the faculty in charge in organizing these events. 4. NSS Committee - Students contribution to the society is significant and AITS students always show their concern in this regard. There is a NSS unit in the institution and volunteers of this committee will organize programs like NSS

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association of the Institute started in the year 2011 with name AITS ALUMNI ASSOCIATION. It is literally an inspiration for junior students in terms of fixing their targets and preparing to reach their targets. The members of Institute administration and the senior faculty of all the departments participate in the annual alumni meetings on invitation and seek their advice and support for the development of the institution. The departments seek suggestions of alumni on various developmental activities. An alumni portal is created in the Institute website for better interaction between the Institute and alumni. They are also recommending capsule training on latest technologies. Alumni association invites industrial experts to the Institute and organizes seminars, guest lectures, and workshops. To enhance, modernize, upgrade the existing facilities at the Institute and also to improve and upgrade quality of education as per requirement of industry and society with the help of alumni. To make available Industrial trainings, Internship programs, placement and other facilities to the existing students through the help of alumni in various Industries. Alumni association members regularly visits the Institute placement section and conducts pre placement training by highlighting the job opportunities available in various areas. Some selected students are provided with internship in various organizations. To encourage educational, cultural, fund raising, sports and such other activities as governing body may deem fit in furtherance of the objects of the Institute.

5.4.2 – No. of registered Alumni:

129

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

3 Meetings were organised during the Academic year 2019.-20

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Practices of decentralization and participative management during 2019-2020
 Institution practices Decentralization and Participative Management. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Chairman of the Management Committee to the staff and students, all the stakeholders have a role to play in building of the college. Their involvement and cooperation in

devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college. Institution focuses keen on decentralization by intending equal opportunity (equal role to participate is the functioning of the Institution management comprises of management committee, college governing council and each committee has been provided with specific functions cater to the needs of institution for the ongoing progress and development of the Institution. Management committee takes care of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals or bench -marks of the Institution. It also extends all the amenities for the teaching and nonteaching faculty and students. College Governing Council takes care of financial management and the implementation of facilities for the institution with the cries to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. It guides and articulates the available resources and provides freehand to the head of the Institution to carry out the activities in order to reach the expected maximum standard in turn to motivate the teaching and non teaching faculty to work according to the goal set. Admission committee is available in college taking care of students from first year of student's admission. The Principal, Heads of the departments, teaching and non teaching faculty, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of institution and to act according to the aims and objectives of the Institution. 1. Principal Level Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal in consultation with the Teachers of different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college. ? Internal Quality Assurance Cell (IQAC) ? Library Management Committee ? NSS Committee , Extension Activities Cultural Committee ? Annual Day Celebration Committee ? Publicity Public Relation Establishment Committee ? Website Development committee ? College Annual Magazine Committee ? Environment Awareness ,Green Audit and Garden committee ? Alumni Association Monitoring Committee ? Students Grievance Redressal Committee ? Purchasing and Building Maintenance Committee ? College Students Monitoring Committee ? Sports Committee ? Result Analysis, Students Seminar and project committee government body for the session 2019-20. Following committees are constituted in accordance to government guidelines: ? Time Table Committee ? Admission Committee ? Research Monitoring Committee ? Sexual Harassment Prevention

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	Industry Interaction Cell is also constituted. The cell interacts with Industry and Institutes to get Internships or permissions for plant visits in their company. Students have visited SHAR, Amararaja Factory, APGENCO and ICF. Two students have also got internships in Amararaja in this academic. Infosys, IBM and Microsoft conduct workshops on recent

technologies to students. Municipal corporation of Tirupati(MCT) provided internship to 9 students in this year to UG CE students.

Examination and Evaluation

The IQAC has reviewed the existing system on internal assessment and asked the College Academic Committee to strengthen the evaluation by adopting the internal audit on scrutinizing the answer scripts. Further it is also suggested that the Internal Answer Scripts must be scrutinized by the senior faculty/subject expert to check the evaluation done by the concerned faculty. The evaluation system adopted by the Institution is applicable for both midterm examinations. The answer scripts are also given back to the students after evaluation for their information which provides transparency and accountability to the evaluation process. It is observed that the accuracy is improved in the new strategy suggested for improvements in assessments. In addition more formative/practice tests are conducted to improve the performance of the students.

Teaching and Learning

Online feedback on teaching learning process from students: Online Feedback on teaching learning process allows students to select particular subject and respective teacher to give feedback about teacher and subject. It is a feedback generation system which gives proper feedback to teacher provides the proper feedback to the teachers about their teaching quality on basis of rating Excellent, very Good, Good, Average, and Below Average. In the existing system, student gives feedback manually. In existing system report generation by analyzing all feedback form is very time consuming. The IQAC has review the process of the existing system with the Academic Monitoring Committee and advised the committee to implement online feedback system in the college. In online feedback system student gives feedback for teacher of particular subject for particular period of time may be at month/Semester end. Feedback is send to HOD of particular department as well as all departments' feedback to principal. HOD has rights to whether feedback shows to respected teacher or not. After

analyzing report HOD or Principal conducts the meetings for staff individually by send the message. The online system assessment is the systematic collection and analysis of information to improve student learning in the institution. Internal Audit system introduced for scrutinising of the mid exam answer scripts: The IQAC has reviewed the existing system on internal assessment and asked the College Academic Committee to strengthen the evaluation by adopting the internal audit on scrutinising the answer scripts. Further it is also suggested that the Internal Answer Scripts must scrutinized by the senior faculty/subject expert to check the evaluation done by the concerned faculty. The evaluation system adopted by the Institution of both midterm examinations on continuously. The answer scripts are also given back to the students after evaluation for their information which provides transparency and accountability to the evaluation process. With this new method observed that the assessment accuracy has been improved and also helped the teachers to measure the performance of the students.

Curriculum Development

Curriculum is developed for autonomy for the institution through boards of studies constituted as per the guidelines of UGC. Ensured a few senior faculty from IITs and reputed universities are nominated as experts for designing curriculum for all programmes the institution is running.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	Tally Software
Student Admission and Support	apeamcet.nic.in
Examination	EDEP Software

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. S. Kishore	Workshop on NIRF framework	AITs	3000

2019	C. Bhanu Prakash	Workshop on NIRF framework	AITS	3000
2019	B. Ramana Reddy	Skill Development Cell Programme	AITS	12000
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Online Capacity Building Programme on Internet of Things (IoT)	AITS	21/05/2020	25/05/2020	90	Nil
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Curriculum Department for Implimentation of Outcome based Teaching-learning	40	25/11/2019	07/12/2019	13
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
181	181	79	79

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Yes	Yes	No

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal and External audit mechanism for financial transactions are in place. Institution regularly conducts internal and external audits to evaluate the

adequacy of internal control systems and management of funds. Regular auditing team checks the transactions done in the Accounts Section. Audit team reports to the Chartered Accountant on quarterly basis. On verification of all the statements, the chartered accountant finalizes the final accounts of the institution. The verification activity is outsourced to certified Chartered Accountancy Firm based in Hyderabad.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JNTUA	Yes	IQAC, AMC
Administrative	Yes	SANKARAM ASSOCIATES, HYDERABAD	Yes	IQAC, JNTUA

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<p>a) To foster and promote good relationship among the members of the teaching staff, students and guardians of the students. b) To create in its members keen interest for the smooth working and the progress of the college and for maintaining good discipline and high academic standards. c) To institute scholarships, prizes, medal etc., to benefit students showing a high proficiency in their studies. d)To provide some amenities to the students of this College.</p>
--

6.5.3 – Development programmes for support staff (at least three)

1.Computer Training 2.Yoga training stress management 3.Soft skill training

6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>1. Enhanced use of ICT by faculty in the teaching-learning process 2. Enterprise Resource Planning: During this academic year, Institute has tried to digitize academic and administrative endeavours such as student admissions, attendance, internal assessments etc. However, the software has not met the expectations and the college has to decide whether to look for a new ERP or customize the same. 3. Planning is underway to adopt nearby villages to enhance water conservation, social upliftment etc.</p>

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Expert Talks on Innovations	23/01/2020	23/01/2020	23/01/2020	300
2020	IPR and Patents	08/01/2020	08/01/2020	08/01/2020	50
2020	Science Expo	26/02/2020	26/02/2020	26/02/2020	250
2019	Induction Training Programme	03/08/2019	03/08/2019	24/08/2019	512

No file uploaded.

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day	07/03/2020	07/03/2020	356	12

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Power requirement met by renewable energy sources: 43500 units / YEAR
 Total power requirement Renewable energy source Renewable energy generated and used
 Energy supplied to the grid

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	597
Ramp/Rails	Yes	17
Rest Rooms	Yes	10
Scribes for examination	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	30/12/2	1	Books	Donated	60

			019		and Stationary Drive	Books to poor students	
2019	1	1	02/10/2019	1	Awareness Programme on Avoid Plastic	Save Environment	160
2019	1	1	19/09/2019	1	Blood Donation Camp	Donated Blood	200
2019	1	1	16/09/2019	1	Books and Stationary Drive	Donated Books to poor students	60
2019	1	1	24/07/2019	1	Plantation Programme	Planted Saplings	100
2019	1	1	02/06/2019	1	Awareness Programme on Higher Education for Rural Students	Higher Education	50
2020	1	1	09/03/2020	1	Construction of Drain in School	Swachatha	56
2020	1	1	11/03/2020	1	Awareness on Corona Virus	Awareness on Corona Virus	56
2020	1	1	13/03/2020	1	Swach Bharath	Swach Bharath	56
2020	1	1	15/03/2020	1	Medical Camp	Free Medication provided to villagers	56
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Diary 2019-20 for all students	06/06/2019	A code of conduct for students is illustrated in the Academic Diary.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2019	15/08/2019	2530

Celebration of Republic Day	26/01/2020	26/01/2020	1629
National Unity Day	31/10/2019	31/10/2019	100
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Plastic Free 2. Use of renewable energy 3. Plantation 4. Rainwater Harvesting 5. Clean and Green Campus 6. Sanitation

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-I 1. Title of the Practice: Women Empowerment 2. Objectives of the Practice Women constitute more than 50 of the total student strength of the college. The majority of them come from drought and famine-ravaged rural areas, where miserable conditions of utter poverty, illiteracy, ill-health and superstition take hold of their lives. Thus they are doubly affected by the backwardness and discrimination. So, the college has resolved to take up the cause of Women Empowerment for the women students with the objectives of-

- Mentoring women students on women specific issues with teacher.
- Creating an environment through awareness programmes to enable the students to realize their full potential for learning and solving their problems independently
- Arranging special sessions with the police and social activists for enabling the female students to be aware of several types of 'evil designs' by professional criminals for the worst type of exploitation taking the advantage of their innocence and gullibility.
- Dealing amicably with the student victims of exploitation of all sorts maintaining utmost confidentiality of the private life to protect their dignity.
- Involving social activists and Government officials to enlighten the students on human rights and fundamental freedom for equal rights and opportunities.
- Organizing debates and discussions on gender equality to enable the students to realize gender sensitization, thus leading to more equality and harmony in family and society.
- Conducting seminars and special sessions on ragging, eve-teasing and dowry system to expose the ill-effects of the evils.
- Organizing the exclusive health camps for students by doctors for free treatment of health related problems and conducting awareness programmes on the importance of sanitation, personal hygiene and prevention of seasonal diseases.
- Tackling the social, developmental, health consequences and prevention of HIV/AIDS from a gender perspective.

3. The Context

- As the gender sensitization programmes designed revealed several disparities and inequalities, that we might not have noticed earlier, people especially the other gender, argued discussing gender and gender roles would break up families and destroy society.
- Similarly, the various legal protective provisions for women were misunderstood as undue favour meant to belittle men.
- Even some teachers supporting the argument often opined that the change was difficult to be accepted as the ideas emanated from these seminars/workshops/debates on gender inequalities appeared new and startling.
- Some parents even found fault with the college that their children were detained in the college beyond working hours for unconnected and counter productive programmes.
- Under these circumstances, the college has thought it appropriate to forge ahead with the objective implementations the objective for which an exclusive cell is created.

4. The Practice Discrimination against women even in the 21st century is a devastating reality. That is why 'gender inequality' has been a matter of serious concern across the globe and within the countries. India still has a long way to go before achieving gender equity and empowerment of women. Especially, the rural areas are ravaged by the miserable conditions of abject poverty, illiteracy, ill-health and superstition. The college girls account for

52 of the total strength and most of them come from rural areas. The majority of these girls belong to the weaker sections including scheduled caste, scheduled tribes, other backward classes and minorities without proper access to education, health and other productive resources. Therefore, they remain largely as the marginalized poor and socially excluded. Joining a college in the town and acquiring higher education involve money and higher things. So the poverty-stricken and tradition-bound parents reluctantly admit their daughters to colleges. Being the most vibrant and dynamic segment, the youth including girls, is our most valuable human resource. We cannot afford to neglect our female force to be the victims of discrimination, exploitation and segregation. So the college resolved to empower female students to face the vicissitudes of life boldly and successfully for a life of peace, harmony and dignity. To achieve the aim, the college established a Women Empowerment Cell (WEC) with a senior woman teacher as its Coordinator and three other senior women teachers as its members. All female students are eligible to take membership of the Cell irrespective of their status. The Coordinator and the members of the unit meet frequently and decide to the conduct of awareness sessions during leisure hours sensitizing the girls to know why and how they are given subservient role in spite of their equal or even more abilities than their counterparts. They also draw an annual action plan for organizing various awareness programmes / seminars /workshops and interactive sessions. The Principal along with the Coordinator monitors the implementation of the plan. The Coordinator and the members are responsible for the implementation of the programmes in consultation with NGOs and Government officials from the Department of Social Welfare, Adult Education, Women and Child Welfare, Judiciary and Medical Departments. The Women Empowerment Cell is working for the protection of women's rights and actively empowers women creating conditions for gaining confidence in their abilities. It aims at curbing the social evils like eve-teasing, ragging and dowry system providing necessary counselling and guidance by professional women counsellors, social and rights activists, enlightened academics and professional psychologists and psychiatrists, so that the women students become aware of unjust gender discrimination, the human rights, the legal provisions available for their protection, importance of higher education for higher enlightenment, mental and physical fitness.

5. Evidence of Success
Dr. I. Suneetha, Professor along with members of WEC sensitized women students on gender issues to relieve them of their negative feelings of inequality, diffidence and shyness in varied sociocultural contexts and successfully and Cultural Competitions organized.

6. Problems Encountered and Resources Required
The modest and diffident students were reluctant to cross their academic borders affecting the successful conduct of awareness programmes. Women students' impulsiveness in the matter of love in the adolescent age is a sensitive issue to be dealt with by women teachers. Organizing various programmes during working hours, sometimes, has led to sacrificing the class work. Implementation of the annual plan and its monitoring has become a tough task in view of tight academic schedule in the autonomous ambiance.

Best Practice-II

1. Title of the practice: Enrichment of teaching methodology through ICT
2. Objectives of the Practice: ? To promote chalk and talk method to technological method ? To motivate students towards innovative learning. ? To have unlimited resource in support of learning. ? To accelerate the teaching and learning efficiency ? To increase knowledge comprehension, practical skill and presentation skill
3. The context: 21st Century is the century of technology. Technology which is used in all aspects of life. Information and communication Technologies is potentially powerful tool for extending educational opportunities. ICT plays very important role in the development of knowledge. ICT has changed the teaching and learning process. Today Education has become student centered due to ICT. ICT has changed the traditional methods in teaching and learning process and introduced new methods which are effective and useful for students. There is a belief that ICT can empower teaching and

learning process. Transforming teaching and learning processes from being teacher centric to student centric. Nowadays the role of Information and Communication Technology (ICT), especially internet in the education sector plays an important role. Educational ICT through curriculum integration has a significant and positive impact on student achievement, especially in terms of Knowledge Comprehension, Practical skill and Presentation skill in many subjects. Hence, we choose "Enrichment of teaching methodology through ICT" is one of our best practices. 4. The practice: Information Communications Technology (ICT) enabled teaching methodologies are being followed by the faculty members in class rooms as a complementary tool for conventional teaching methods. The use of multimedia teaching aids like, LCD projectors, smart classrooms and internet enabled computer systems are usually employed in class room. With the help of internet, anyone can browse e-books, subject matter, research article etc. ICT training for teacher was organized from 16th July 2018 to 21 July 2018 in the department of computer Science. The faculty of computer science department our college made this event successful by engaging as resource persons. 5. Evidence of success: Information and communication Technology is playing an important role in education. ICT can make teaching and learning process more effective and easier. Teaching and learning has become student centered due to ICT. Students are performing better using ICT tools rather than traditional method teaching method. The faculty members have benefitted by the multimedia presentation, video lectures etc. 6. Problems encountered and resources required No major problems encountered. Lack of technological support like range of wi-Fi , internet etc.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://aits-tpt.edu.in/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

This Institute is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal / Director, senior faculty members and Examination Coordinator prepares the academic calendar well in advance before the commencement of the session/semester. The faculty members before the commencement of semester prepares the lesson plan, and make it available to the students. So many efforts are being made for the past few years to change the Teaching - Learning environment into activity based learning. Following are the methods adopted to transform the academic environment: ? Changing the teaching methodology by encouraging the faculty to use power point presentation where ever required. ? Extensive use of online - content and other Video lectures to support the Class - room teaching. ? Students are encouraged to present poster and oral paper presentations. Counseling system: ? Every Faculty member is allotted 15-20 students to whom one acts as a counselor. The counselor identifies the academic and personal problems of his/her ward. ? The wards are encouraged to participate both in curricular and extra- curricular activities. ? Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions. ? Eminent experts of National reputed people are invited from academic /organization /industries for seminar, workshop, conferences etc. In addition to the classroom interactions, following are the other methods of learning experiences provided to the students: ? Project work ? Short term Industrial visit o Internships. ? Oral presentation ? Seminars/ Symposiums/ Workshops ? Paper presentations/ Group discussions ? Providing access to e-journals and e-books by use of ICT in delivering and learning process Emphasis is paid to obtain feedback from

parents, students, faculty members and alumni through informal contact to obtain information about qualitative changes which are required. Feedback System - ? Students give feedback about the faculty at the end of each session or semester. ? Feedback is taken from the parents of the wards. ? Feedback is also taken from alumni The students play major role in the events like Annual day, Sports day etc., which are being organized by the college and inculcate the qualities of co-operation, co-ordination and team work. Personality development programs and seminars are being conducted from the first year to improve communication skills soft skills of the students. Social Responsibility Activities like Go Green Activity through plantation, Blood Donation Visiting Hospitals Interacting with patients and distribution of nutritious food, plantation and visiting nearby villages and helping them according to their requirements. Achievement: ? Improved students understanding in domain knowledge. ? Improved results and pass percentage. ? Reduced backlogs and detention. ? Improved placements and opting for higher studies.

Provide the weblink of the institution

<https://aits-tpt.edu.in/>

8.Future Plans of Actions for Next Academic Year

? Based on the New education policy 2020 framed by union government and the revised academic curriculum suggested by govt. of A.P., UG engineering curriculum has been revised for this autonomous institution applicable for engineering aspirants getting admitted from the academic year 2021. 5 mandatory skill development courses are one in each semester, two internships one each at the end of second year and another at the end of 3rd year and project internship in the final semester are note worthy additions in the new curriculum. It is intended to implement the curriculum to realize the benefits or outcomes in the coming 4 years. ? Based on the changing trends in the job market and in the advent of new technologies, college has applied for the new programmes by revamping the earlier intake and introduced B.Tech: AIDS and B.Tech-CSE (IoT and Cyber Security with Blockchain Technologies) from the AY 2020-21 and accordingly new laboratories are established. IoT lab already established and AI lab is yet to be established in association with IBM in our campus. MODROB grant of Rs. 8.1 Lakhs by AICTE is granted to the Institute for modernization of Embedded Systems Lab and the Institute is determined to develop this lab for guiding quality piece of projects through this lab. Admissions have been increased from the previous year because of new programs introduced and such changes will be inevitable in the coming years also. ? As the NAAC underlines the importance of creating an innovation ecosystem in higher educational Institution Entrepreneurship, Innovation and Startups Centre (EISC) is constituted in the college, mainly for transfer of products and services and to encourage entrepreneurial initiatives and startups in the institution. Few startup ideas of the students are being studied and suitable panel of experts are identified to get the budding entrepreneurs be connected to the experts and strengthen the startups towards commercialization. ? Constant encouragement is given to the faculty to write the research proposals to the funding agencies and to get the fund support from them. Going by the records fund support by the agencies has been in the rise.