



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES
Name of the head of the Institution		Dr.P.V.KRISHNA MURTHY
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08415-201689
Mobile no.		9848924705
Registered Email		principalaith@gmail.com
Alternate Email		iqacaith@gmail.com
Address		Piglipur (Village), Abdullapur-met (Mandal), Ranga Reddy District
City/Town		Hyderabad
State/UT		Telangana
Pincode		501512

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>Self financed</b>
Name of the IQAC co-ordinator/Director	<b>Ramesh Babu Varugu</b>
Phone no/Alternate Phone no.	<b>08415201689</b>
Mobile no.	<b>9866417476</b>
Registered Email	<b>iqacaith@gmail.com</b>
Alternate Email	<b>rameshvarugu82@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://aits-hyd.org/pdf/AOAR-Reports/2017-18_aqar_report-min.pdf">https://aits-hyd.org/pdf/AOAR-Reports/2017-18_aqar_report-min.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://aits-hyd.org/iqac">https://aits-hyd.org/iqac</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>A</b>	<b>3.05</b>	<b>2015</b>	<b>03-Mar-2015</b>	<b>02-Mar-2020</b>

<b>6. Date of Establishment of IQAC</b>	<b>20-Jul-2013</b>
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<b>7. Internal Quality Assurance System</b>
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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
<b>Management information system</b>	<b>21-Nov-2018 10</b>	<b>25</b>

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**8. Provide the list of funds 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
<b>No Data Entered/Not Applicable!!!</b>				
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

1

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 Uploaded 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)**

• All the departments are encouraged to conduct seminars, workshops, conferences etc. So, one work shop and one conference are conducted during this academic year (20182019). • All the staff are encouraged to attend seminars, workshops, conferences etc. so faculty attended state level, national level workshops, conferences and seminars during this academic year. • 1. Awareness about new technologies. 2) Students to learn apart from normal teaching. 3) Students to get hands on experience. • .Conduct of Awareness Programs towards environment, health and social responsibility. • Conducting Feedback Process at different levels for overall transparency and quality improvement. Organizing Seminars and workshops for promoting academic eminence, social awareness All the major committees work in sync with IQAC and monitor the functioning of each committee. IQAC further assists the Principal to follow up with concerned authorities for raising fund for the infrastructural development of the college. Cultural awareness programme undertaken.

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**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	Achievements/Outcomes
To conduct quality awareness campaign	The IQAC has conducted quarterly meetings under the chairmanship of the Principal and detailed plans and programmes were formulated for quality awareness.
Development Programmes	Workshop conducted for students on recent development in Technological arena. Orientation programmes for faculties on teaching and research methodology. Counseling session for students.
To collect feedback from parents, employee and alumni	Feedback were collected on sample basis and analyzed. The consolidated report was placed before the management for effective implementation of the suggestions received from them.
To Collect self valuation report from faculty and department evaluation Report.	Reports from all faculties and were collected and analyzed. The consolidated report is placed before the management and communicated back to the faculty.
Minimizing environmental degradation	Decreased use of paper and plastic. Optimization of existing infrastructure. Tree plantation.
No Files Uploaded !!!	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
GOVERNING BODY	18-Oct-2018

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2019

Date of Submission

14-Feb-2019

**17. Does the Institution have Management Information System ?**

Yes

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>Yes. The College has a well-equipped Integrated Management System (IMS) that supports the management in decisionmaking to enhance the quality in all arenas of the institution.</p> <p>•Administration - Administration of the College is maintained through e-governance. This module includes file management, e-circular, Academic Calendar, Biometric attendance for Staff and Research Scholars, Event management, Leave management, Feedback from all Stakeholders, Student Satisfaction Survey, Exit poll, Online Transfer Certificate, Dean module, Alumni and generation of dynamic reports.</p>
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## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

For effective execution of the curriculum the following mechanism are in place

1. Departmental meetings are held in each department at the beginning of every session for distribution of topics in the syllabus.
2. Number of classes are also allotted according to topics in the syllabus.
3. Information of the same is provided for the preparation of academic calendar.
4. Revision and up-gradation of the syllabus can do only at the University level for affiliated colleges. The college has an effective documentation in its curriculum delivery. At the commencement of each academic year, every faculty member of the department is provided with individual time plans and reading lists for each course. These course or program plan is informed to the students in the classrooms. These time plans explicitly informs of what portion of the curriculum will be delivered within the given stipulated time of frame. These time plans are also preserved each year as documentation. Besides, traditional lectures and seminars, infrastructure for the use of ICT in classrooms, like power point presentations and audio-visual support are all available to make the delivery of the curriculum interesting for the students. In the English department bridge courses or supplementary courses are held in order to make the curriculum delivery more holistic and effective. Tutorials are held and participative learning is encouraged. Internal assessment is done transparently with examined scripts shown to students. Inter-personal skills are enhanced through Value Education. Proper planning, developing, checking and analyzing process is followed for the effective implementation of the curriculum and efficacious content delivery.
5. A feedback mechanism is adopted to solicit constructive inputs from the stake holders, helping to enrich the content delivery. The student-centric methods adopted in teaching learning process, boosts interactive, participative and experimental learning, coupled with co-curricular and extracurricular activities. The students for internship/project program, get an opportunity to interact with industry personnel's and learn the application of their knowledge gained during college studies. It also helps them to develop corporate ethics to get fused into the industrial environment. Expert lectures, Workshops, Industrial Visits, study tour, class seminars and discussion are regularly held.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
<b>No Data Entered/Not Applicable !!!</b>					

**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
<b>No Data Entered/Not Applicable !!!</b>		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	5	0

**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
Basics of MATLAB Programming	27/10/2018	21
Campus recruitment training	28/12/2018	81
Employability Skills(Training on aptitude and logical reasoning)	11/07/2018	60
Guidance and Counselling (Alumni Membership, meet the Alumni Series, Interaction with Industry Experts, Faculty Mentoring)	11/07/2018	30
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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	VIJAYA ELECTRICALS PVT (LTD)	25
BTech	CHOUTUPPAL SUBSTATION (132 KV)	26

BTech	CSE	30
BTech	Sewage Water Treatment - AMBERPET	3
BTech	Impact of Metro Rail on the Traffic Flows on LB Nagar - Miyapur- LB Nagar - Miyapur-HYD	5
BTech	Traffic management plans during construction projects on highways - A case study of LB Nagar intersection	4
BTech	Specialized Water Proofing Treatment to the Ladies Toilet Block & Non Structural Repairs to Roof Terrace of AITS Block-B	5
BTech	A case study on Analysis of level of service and volume/capacity ratio in high densed urban corridor in Hyderabad city	4
BTech	Video Surveillane System at Railway station, ISDN Exchange, OFC EQT XTM-1 and Data communication EQT (South Central Railway)	1
BTech	RFID Based Attendance System in Embedded System (ECIL)	3
<a href="#">View Uploaded File</a>		

## 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>•Regular initial stage, intermediate and exit stage feedback is proposed to be taken from students for each course. This will be analyzed and used by HoDs to improve faculty performance through guidance and counseling. The aspects of curriculum and needs of training are also covered in the feedback. •Feedback is</p>

obtained from the parents of the graduates of the college. The aspects of curriculum and needs of training are also covered in the feedback. •Regular feedback is obtained from the alumni of the college. The aspects of curriculum and needs of training are also covered in the feedback. •Feedback obtained is analyzed and necessary action is taken to communicate the modifications required in the curriculum to the university.

## 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
BTech	CSE	120	37	37
BTech	EEE	60	6	6
MBA	MBA	120	54	54
BTech	CIVIL	60	15	15
Nill	MECH	60	6	6
Nill	ECE	60	12	12

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### 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
2018	76	19	178	26	46

### 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	Numberof smart classrooms	E-resources and techniques used
32	28	2	2	1	2

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mentoring students is a unique, interactive and target oriented system involving student to address common student concerns ranging from anxiety, stress, fear of change and failure to home sickness and a slew of other academic worries. It is a process of creating a supporting relationship with teachers, parents and students aiming at comprehensive development of students. In this activity, mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentorship in student development that includes communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students for extracurricular activity. . Through counseling, individual can explore alternatives, build on individual strengths and develop new skills. The feelings and concerns about family, friends, health and work



deserve attention. Counseling gave the opportunity in a quiet and supportive environment to take the time to stop, think and plan. With sensitive and caring feedback, individual will gain new awareness and learn to deal with challenges in new and productive ways. The Chairman, Student Counseling Cell supervises and effectively implements mentoring activity at college level. He has a team of coordinators at department level and first year to assist him in smooth operation of mentoring by all teachers. Students' Counseling Cell will hold a meeting once in a month with all Departmental Mentor coordinators. Departmental Mentor coordinator distributes the hard copy of required formats to the department mentors. Departmental Mentor coordinator conducts the meeting once in the month within department and maintains the minutes. The process of mentoring includes appointment of teachers as mentors to the batch of 18 to 20 students of each class. This ensures that every student is allotted a mentor. Students allocated to specific mentor will remain with him/her till the completion of the semester. Then for next semester, new mentors are appointed who are teaching the subjects to the respective class. The mentor establishes the contact with the parents through telephonic discussion appraise them about the development of their ward. The mentee meets the mentors once in a fortnight and the observations about mentee viz. achievements, doubts, fears, grievances etc. are recorded. Based on which, the student is counseled in the necessary areas/ issues where he/she needs mentoring.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
76	204	1:0

## 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
142	204	0	0	10

### 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
2018	J. SHANKAR	Assistant Professor	BEST TEACHER AWARD
2018	A.Sudheendra Babu	Assistant Professor	Best Mentor
2018	U.Venkataiah	Assistant Professor	Best Teacher
2018	K Sandhya Rani	Assistant Professor	Best Teacher award
2018	B.Raghava Maheedar	Assistant Professor	academic excellence award

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## 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	00	2-SEMESTER	11/05/2019	31/07/2019
BTech	01	2-SEMESTER	18/05/2019	14/07/2019

BTech	03	2-SEMESTER	18/05/2019	14/07/2019
BTech	05	2-SEMESTER	18/05/2019	14/07/2019
BTech	04	2-SEMESTER	18/05/2019	14/07/2019
BTech	02	2-SEMESTER	18/05/2019	14/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institute's primary focus, as stated in its mission statement, is on strengthening teaching learning process through rigorous assessment and evaluation. Institute has consistent practice to conduct class tests, assignments, tutorials which are part of formative assessment. . Continuous Assessment Sheet (CAS) by each teacher to evaluate performance of students during practical sessions. Mock practical examinations are conducted to give beforehand experience of university practical examination to students. Makeup classes are introduced from academic year 2017 for students who could not attain the required attendance for medical or other valid grounds, in view of bringing these students academically at same level as that of regular students. This also enhances self learning ability of students. Remedial classes are taken for academically weaker students at the end of each term • Various student centric activities such as seminars, model making, group discussions, presentation, and demonstrations are applied for evaluation of student. • Pre final exams are conducted every year to asses the students preparedness for final University exams. As per the results of pre final exams necessary steps to be taken to refresh students in difficulty faced subjects and make them to ready for end examinations without any fear.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Being affiliated to JNTU, Hyderabad, the institute follows academic calendar of University. Before commencement of each semester institute prepares its own academic calendar in line with university academic calendar. Based on Institute's academic calendar, department prepares its academic calendar showcasing events planned by individual department. It has a standard procedure to plan and develop curricular, co curricular and extracurricular activities. Dates proposed by university for commencement and conclusion of semester, mid exams, online examination is reflected in institute's calendar and strictly followed. University schedules Practical, mid exams and end examinations and appoints external examiner. Usually, practical examination period is of 1 week, planned by university. This schedule is sternly followed by institute. Academic Development Committee (ADC) and Department Academic Committee (DAC) discuss and plan various academic, co curricular, extracurricular and social activities in accordance with university calendar. This advance planning makes teaching plan robust. Social activities such as NSS activities are planned as per academic calendar of JNTU which are followed by institute. All departments prepare their academic calendar in accordance with Institute academic calendar. Various activities such as industrial visit, expert lecture, seminars/ workshops/ conferences, department social programs etc are included in department academic calendar. Teaching plan is prepared by each teacher which adheres to the academic calendar of institute. Department Academic Committee (DAC) has standard procedure of fortnight monitoring that ensures smooth conduction of lectures and practical sessions. Attendance of student is daily observed and absences of student are communicated to parents via SMS regularly. Cumulative attendance and Defaulter student lists are displayed every fortnight as per the procedure. Status of syllabus completion, defaulter students is reviewed by Guardian Faculty Member (GFM) periodically in GFM meeting. CAS is weekly maintained by individual subject teacher as per the teaching plan of practical

sessions. Internal examinations are conducted by all the departments on the dates planned in academic calendar. Results of internal assessment are declared and communicated to students within a scheduled time. Every department conducts project progress review and seminar presentations as per standard procedure set by each department according to academic calendar of department. This is the part of internal evaluation. Mock practical examinations are planned in the department academic calendar at the end of each term and conducted according.

## 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-hyd.org/igac>

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
05	BTech	CSE	31	14	45.16
04	BTech	ECE	56	27	48.21
01	BTech	CIVIL	40	28	70
03	BTech	MECHANICAL	32	21	65.60
02	BTech	EEE	39	21	53.84
00	MBA	MBA	18	6	33.33
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## 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-hyd.org/igac>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – 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
No Data Entered/Not Applicable !!!				
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### 3.2 – Innovation Ecosystem

3.2.1 – 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
IPR IN INDIA	EEE	22/10/2018
File sharing and Copyrights – Extension case studies	CSE	21/06/2019
Enforcement of	CSE	06/06/2018

Intellectual Property rights and Competition policy		
Managing IP for start-ups- The Road Ahead	CSE	16/05/2018

### 3.2.2 – 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
No Data Entered/Not Applicable !!!				
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### 3.2.3 – 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
No Data Entered/Not Applicable !!!					
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## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2		

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	EEE	2	3.4
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### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
HUMANITIES SCIENCES	8
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### 3.3.5 – 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
A Review on Significant parameters and Exhaust Emissions	Dr.P.V.K rishna Murthy	International journal of Advanced Mechanical Engineering	2018	Null	AITH	Null

of Four stroke copper coated SI Engine with Alcohol blended gasoline through Catalytic Converter						
A STUDY ON POWER QUALITY AND RELIABILITY COMPREHENSIVE POWER DISPENSATION OF SMALL SCALE POWER SYSTEM AND SUBSEQUENT MICRO-GRIDS	U.NARENDER	JASC	2019	Nil	AITH	Nil
ACTIVE POWER QUALITY IMPROVEMENT AND DISTRIBUTED CONTROL IN HYBRID AC/DC MICROGRIDS	U.NARENDER	IJR	2019	Nil	AITH	Nil
Quality Standard of Accreditation in Higher Education in India	KOLLI SUNDER KUMAR	Literacy Information and Computer Education Journal (LICEJ),	2018	Nil	AITH	Nil
Assessment of Ground Water Quality in Medchal-Malkajgiri District	KOLLI SUNDER KUMAR	International Journal for (Research in Applied Science Engineering Technology	2018	Nil	AITH	Nil
An Emphasis of	KOLLI SUNDER KUMAR	International Journal of	2018	Nil	AITH	Nil

Fluoride Effect on Human health and Treatment-Review"		Advance Research in Science and Engineering,				
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### 3.3.6 – 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
No Data Entered/Not Applicable !!!						
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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	3	5	1	Nil
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## 3.4 – Extension Activities

### 3.4.1 – 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
Unnata Bharathi Abhyan	MHRD, Govt. of India	3	10
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### 3.4.2 – 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
Unnata Bharathi Abhyan	Govt. of India	MHRD	10
COVID-19 for Sanitation Hygiene, Waste Management, Water Management	Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Human Resource Development Government of India.	Department of Higher Education, Ministry of Human Resource Development Government of India	30
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### 3.4.3 – 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
Aids/HIV Awareness	Hayath nagar Primary Health Centre(PHC)	Counselling and Awareness camp on Aids/HIV Diseases	35	70
Haritha Haram	Gram Panchayat, Piglipur	Tree Plantation	12	67
Blood Donation	Sunrise Hospital, Hayath nagar	Blood Donation camp	20	60
Swachh Bharat	AITs	NSS	6	20
Faculty Development Program (FDP)	Unnat Bharat Abhiyan program (UBA) of MHRD, Government of India with Mahatma Gandhi National Council of Rural Education (MGNCRE).	FDP	50	60
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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – 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
No Data Entered/Not Applicable !!!					
No file uploaded.					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Institution of soft-skills	01/07/2018	Training and Development of	75

Trainers of India		Skills	
Hands on Technologies	08/06/2018	Industry -Academic Integration / Training and Development of Skills	75
Smart Technologies	01/12/2018	Field Assignments	10
BSMS INFO SOLUTIONS Pvt.Ltd	02/01/2019	To design and develop numerous applications that make easy to work more successfully	20
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## 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
175	164.9

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
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### 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 partially)	Version	Year of automation
NewGenLib	Fully	v3.0.4	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20756	5428425	3459	512188	24215	5940613



Reference Books	5099	1330670	1030	152516	6129	1483186
Journals	106	198922	109	202035	215	400957
Digital Database	2	17250	1	13570	3	30820
Library Automation	Nil	Nil	1	59737	1	59737

[View File](#)

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
<b>No Data Entered/Not Applicable !!!</b>			
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	360	6	100	5	6	0	6	100	0
Added	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>360</b>	<b>6</b>	<b>100</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>100</b>	<b>0</b>

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

100 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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
26.7	26.7	197.03	197.03

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, provide link)

The institute adopts standard established systems and procedures for maintaining the physical, academic and support facilities, which are mentioned in the "Quality Assurance and Standard Operating Procedure Manual" of the

institute. The extracts from the booklet are mentioned below for reference. Procedure for maintaining equipment and furniture Procedure for maintaining and utilizing physical, academic and support facilities - Laboratory, Library, Sports complex, Computers, Classrooms etc. • A History card is maintained for all the equipments. • Annual maintenance contract (AMC) is given for maintenance of computers, Printers, Photocopy Machine, Cameras, Water coolers/filters, gardening, cleaning etc. • Vendor is fixed for repairing of sports material. • The Lab In charge or the concerned teacher/staff maintain the record of equipment, any other material and furniture. • In case of any breakdown/repair the Lab In charge or concerned teacher/Staff Contact the vendor from whom the equipment is purchased and get the equipment checked for the fault. • After inspection the Lab In charge then take the inspector report from the maintenance person and as per the report forward submission to Principal for approval. • In case the repair is related to workshop then it is done through workshop department. • In case of major repair and maintenance approval for the expenses is taken from the society. • Maintenance and repair of Library and sports related material is done through regular approved vendor. There are college level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities. The working policies of these committees are explained below in the form of flowcharts indicating the communication and work flow for smooth working of these facilities. The individual blocks in the flowchart lists the responsibilities of the respective committee/in charge and the arrow lines indicate the work flow. Laboratory Maintenance: In case maintenance of equipment arises, the concerned laboratory in charge issues a maintenance request to the "Purchase Committee" through the section/Department head. Based on the request, the equipment maintenance work is assigned to third party equipment experts. These experts carry out the repair/maintenance of the equipment and all such records are maintained in the history card of the equipment. Following flowchart indicate the standard procedure adopted for maintenance of laboratory equipments. Library Maintenance: The library is continuously updated in terms of latest books, journals and contents by the "Library Committee". Following flowchart indicate the standard procedure adopted for the maintenance of library facilities Maintenance of Sports Facilities: A physical director is appointed for the utilization and maintenance of the institutes sports facilities. Following flowchart indicate the standard procedure adopted for the utilization and maintenance of the institutes sports facilities. Letter Head to Upload Document The institute adopts standard established systems and procedures for maintaining the physical, academic and support facilities, which are mentioned in the "Quality Assurance and Standard Operating Procedure Manual" of the institute.

<https://aits-hyd.org/iqac>

## **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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill
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
Remedial Classes	28/11/2018	98	AITH
Language Lab	17/10/2018	76	AITH
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
2018	GATE, PGSET	28	36	19	12
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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
4	4	7

## 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
6	60	54	Nil	Nil	Nil
<a href="#">View File</a>					

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
2018	1	UG	CSE	Vignan Institute of Technology and Sciences	M.TECH
2018	1	UG	CSE	St Marys Engineering College	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
-------	-----------------------------------------

NET	2
GATE	1
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#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
GROUP DANCE	INSTITUTION LEVEL	6
SKIT	INSTITUTION LEVEL	4
SPORTS	INSTITUTION LEVEL	4
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
2018	Best batsman	National	1	Nil	18T81A0505	P.Bharath Kumar
2018	Best Player	National	1	Nil	18T81A0106	M.Keerthana
2018	Best Player	National	1	Nil	18T81A0411	CH.Vamshi Reddy
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#### 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The aim of forming General Students' Association (GSA) is to involve the students in academic, co curricular extracurricular activities. Through these activities GSA members learn planning, organization, analysis, estimation and execution along with trouble shooting, which help in their comprehensive development. From each discipline, we have General Secretary and Joint General Secretary selected by the respective department. The GSA is governed by a committee of faculty members headed by Principal of the college. The GSA is further subdivided into committees such as Student Grievance, Anti Ragging, Cultural, Sports, Technical events, NSS and Professional student's chapter (Institution of Engineers (IE), etc,. Following is the narrative of functions and events conducted by various Committees: 1. Student Grievance: This committee addresses student grievances and maintains harmony and discipline among the students 2. Antiragging: This committee ensures zero ragging incidents in the Institute and also spreads awareness among students against any type of ragging activities. 3. Cultural: This committee coordinates various cultural activities and events throughout the year. "Our students participate in prestigious intercollegiate competitions every year and bag prizes. 4. Sport: This Committee organizes AITSi Cricket trophy and volley ball trophy at college level. It also organizes interdepartmental sports event. Our students actively participate in various sports in intercollegiate, interuniversity, state, national and International level. 5. Technical Activities: Every Department is having active Student's chapter associated with The Institution of Engineers, India. These chapters conduct various programs such as Expert

lectures Industrial visits to name a few. Institute organizes technical symposium "Engineering Today" every year consisting of various technical competitions such as Paper Presentations, Technical Quiz, Robot War, Model Making etc. Each department organizes these events which motivates students to take part and enhance their technical ability. These events are recognized on state and national level. 7. Extension Activities: Any education is incomplete without social awareness. "NSS Committee" is active in carrying out different activities such as Blood donation Camp, Swachha Bharat Abhiyan, Yoga day, Tree plantation etc. The students are motivated to take part in various events organized by these professional bodies.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

5.4.2 – No. of enrolled Alumni:

20

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

### 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)

The institute continued with decentralization practices and participative management a various level described as follows. Institute has vision and mission which are futuristic in nature. They satisfy the needs of society through involvement of each one in the process. The governance comprising of Governing Body (GB), Local Management Committee (LMC) now termed as College Development Committee (CDC), Department Advisory Board (DAB) and Internal Quality Assurance Cell (IQAC) play significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders. The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by HODs, Administrative Head, Section in charges and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well developed process to ensure quality benchmarks of academic and administrative activities. The Institute maintained the culture of retention of Faculty and hence has an edge of senior and dedicated Faculty for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities. Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered. Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders. Institute has a perspective plan developed by Principal and HOD's with suggestions of IQAC, DAB under the guidance of LMC and GB. Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's surveys and feedback from all the

stakeholders plays vital role in framing and revising policies. Internal Quality Assurance cell (IQAC) formulates perspective plan taking into consideration inputs from all stake holders. This plan is presented and deliberated in Institute Development Committee under the chairmanship of Principal to get consensus. This plan is forwarded to the governing body for approval. The Institution policy believes involvement of all staff in decision making and implementing the decentralized decision policy. To streamline the same, various committees at Institute level are formed which look after academic and administrative activities which lead to the realization of vision and mission of the Institute.

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

**No Data Entered/Not Applicable !!!**

## 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
<b>No Data Entered/Not Applicable !!!</b>	

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

E-governance area	Details
<b>No Data Entered/Not Applicable !!!</b>	

## 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
2018	Dr T Pranaya Sree	Digital Trends and Innovations, Two day National Seminar	SPMVV, Tirupati	Nil
2018	K Sandhya Rani	Advances in Software Testing	Nil	1500
2018	V Rama Krishna	Roll of Material science in Engineering and Medicine	Nil	500
2018	BELEGAM RAGHAVA MAHEEDHAR	ONE DAY SEMINAR ON AFFORDABLE HOUSING FOR ALL FOCUSED ON SUSTAINABLE CONSTRUCTIONAL MATERIALS	AITH	2000
2018	BELEGAM	WORKSHOP ON	AITH	1500

RAGHAVA  
MAHEEDHAR

DYNAMIC TESTING  
AND SIMULATION  
OF CIVIL  
STRUCTURES

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6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2018	Java Certification	Nil	20/07/2018	24/07/2018	16	2
2018	A SEMINAR ON AUTO CAD AND STAAD PRO	Nil	28/08/2018	29/08/2019	5	2

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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
Workshop on Soft materials and Devices	7	23/03/2019	27/03/2019	4
Data Analytics Techniques with Python	4	06/09/2018	10/09/2018	4
Ethics in Public Administration	5	21/08/2018	21/08/2018	1
MULTI LEVEL INVERTERS AND MODULATION TECHNIQUES	1	04/10/2019	05/10/2019	2
Induction Programme on PMMMNMTT (Pandit madan mohan malaviya national mission on Teachers and teaching)	1	01/11/2018	30/11/2018	20



Participating Institute to Initiate Work in Adopted Village Clusters (For AP Telangana Region)	2	06/12/2018	06/12/2018	1
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	204	0	20

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free Transport Medical / Insurance Cover	Free insurance	Medical / Insurance Cover Founders ScholarShips

**6.4 – Financial Management and Resource Mobilization**

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

The institute has established mechanisms for conducting internal and external audits for every financial year to ensure financial compliance. The internal audits are carried out whenever required. An external auditor appointed by the parent trust executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled with as per procedure.

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
No Data Entered/Not Applicable !!!		
No file uploaded.		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

**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	Null	Yes	Null
Administrative	Yes	Null	Yes	Null



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

Activities and support from the Parent – Teacher Association (at least three)  
Involvement of parents in different initiatives is always appreciated. Parents contribute and give their valuable suggestions through their representation on following activities. 1. Representation on Department Advisory Board (DAB) 2. Visit to student project exhibitions 3. Parent teacher meet 4. Parents from industrial sector supports, for enhancing industry institute interaction 5. Feedback on Curriculum.

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

The non-teaching and the supporting staff are given training programmes on various aspects like usage of computers, the accounting package known as tally in order to be ready to develop a culture of paperless office and also given guidance to maintain the student database, alumni database, hostel database and other records associated with the stakeholders. They are encouraged to enhance their qualification joining distance education program. In case they become eligible for appointment to a higher cadre or to a teaching position they are considered

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

1. Excellence Awards for Teaching and Nonteaching Staff 2. Startup and Innovation Cell 3. Non-accredited colleges under UGC scheme 4. Centre of Excellence (Automation Anywhere)

6.5.5 – Internal Quality Assurance System Details

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

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
2018	Initiatives for a green campus	12/09/2018	20/09/2018	22/09/2018	110
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
National Science Day	28/02/2019	28/02/2019	20	40
Pongal Traditional Day	10/01/2019	10/01/2019	20	50
Workshop on	16/03/2018	20/03/2018	40	64

Sexual Harassment Awareness

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

5 kW capacity solar power energy systems and saving due to solar installation is 20. This solar Energy capacity increases every year to 20. AITS has adopted a policy to use LED lamps for outdoor light systems

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	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
<b>No Data Entered/Not Applicable !!!</b>							
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
<b>No Data Entered/Not Applicable !!!</b>		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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

Ecofriendly Campus 1. Green landscaping with trees and plants Institute NSS unit regularly carried out Tree plantation activity. This activity helps in encouraging ecofriendly environment which provides pure oxygen within the institute and awareness among students. Dedicated staff is allotted for gardening and watering of all trees and plants. 2. Plastic free campus Institute encourages non use of plastic in canteen and its awareness among students and staff. 3. Paper less office Institute purchased ERP (Enterprise Resource Planning) software system and implemented it for academic, training placement and administrative works to reduce paper work. EPR software is effectively used by students, staff and faculties to perform their daily work and updates, which reduces the paper work and save time. In addition to this, Notices and Circulars by Principal and admin office are conveyed to all by emails and whatsapp. 4. Use of bicycles and public transport and pedestrian free roads: Our institute staff and students are using bicycles and public transport. Institute campus is in heart of the city therefore, railway station and city bus stand are near to institute. 5. Solid waste management by using

biogas: The solid waste generated from the institute canteen is effectively disposed through biogas and generated gas is used in canteen. 6. Liquid waste treatment: The liquid waste generated from laboratories, urinals, etc. is treated inside the institute campus. 7. Solar panel installed on roof: Solar energy is used as alternate source of electricity by trapping it inside the solar panels installed on the roof of institute building.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Title of the practice 1: One Faculty One Industry Drive Objectives of the practice: 1. To have association with wide spectrum of industry. 2. To establish long term association with industries in an organized manner. 3. To enrich the Teaching Learning process with the support from the Industries. 4. To initiate need based collaborative programs. The Context: The goal of any technical institution is to produce skilled, globally competent professionals through quality technical education and to prepare them for immediate employment. Industries engross these knowledgeable professionals and enhance its production capabilities by contributing the latest technologies. To produce proficient graduates ready for the industry, it is necessary to know the requirements of the industries through industry experts. Hence, a good and vibrant industrial relationship to promote education and entrepreneurship is definitely required. To build good rapport between the industry and the institute, institutes should have Memorandum of Understanding (MoU) with the industries. There are so many other ways to promote good rapport with industries for the benefits of our students. In our organization we are practicing one such approach called One Faculty One Industry. This most preferred activity for mutual benefit and growth of industries as well as institution. It provides the best platform for showcasing the best practices, latest technological advancements, and their implementation and impact on the industry and also provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students. This enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. The Practice: Each faculty of the institute identifies an industry as per the field of interest and initiates various activities that provide industrial exposure to the students and faculty as well. The Institute appoints an administrative committee that coordinates this practice. Under this Practice last year also we have done various activities like FDP, industry visit, workshops, seminars and Value Added Course MOU with Different Industries etc. 1. Every semester, about 70 students from each Production and Mechanical sandwich are placed for six months training in reputed industries. 2. Expert talk by industry experts: 3. Industry sponsored projects: 4.. Students undergone summer internship: 7. One Day / Two day industry sponsored training programs for students and faculty: 8. Placement of students in industries through this initiative. At a larger extent, involvement of industry experts in a) Curriculum development in identifying extension of academics b) Placing students for training c) Contribution as a department advisory board member d) Contribution in Technical student centered activities. As an Institute with Progressive Mindset and professional approach we are committed to provide all the Practices, keeping in mind Interest of our Students and Faculty members. One faculty One Industry is a significant step in this direction only. Title of the Practice 2: Innovative Library Objective of the Practice: Library aims to provide conducive environment for teaching learning and to support academic curriculum, educate and assist institute students and staff, abreast them about national resources like National Digital Library and assortment to meet the needs of institute. The Context: Library regularly organizes various activities to inculcate reading habit in students for their healthy nurturing. Despite of rigorous academic schedule library is

successful in averting the students towards these programs. Library also provides with mail alert services and renders online platform. The Practice: AISSMS COE Library website created with open source software which is one platform solution for all students and teachers to access library resources. All subscribed resources, E-books Remote access platform is integrated in this website. Link for the Library website is <https://aissmscoelibrary.weebly.com/>. DELNET access has been started by Library which is giving access to e-books and digital search platform ( <http://www.delnet.in/>). Library organized International workshop with professionals from Japan on Problems Encountered and Resources Required: Since the academic schedule is stringent for the students less participation from their side is observed. Students and faculties active participation is required.

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

<https://aits-hyd.org/igac>

### 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

State of art Infrastructure in AITS is one area distinctive and differentiates from the rest. The institution has provided the best possible facilities in terms of infrastructure like, laboratories, smart classrooms, seminar halls and administrative office for the highly conducive of teaching and learning process so as to improve the overall academic standard. In addition, the students are exposed to various sports activities to make them a complete student in all dimensions. Sports: The College has fully equipped grounds for athletics, tennis, basketball, indoor badminton courts, volley ball courts and a big indoor auditorium of international standards, which accommodates 400 people. As an outcome of this, many of our students have performed well in the State and National level sports events and secured many medals. Security: The College constantly monitors with closed circuit TVs to ensure 100 safety to parents, whose children are undergoing a course. Library: The institution has a spacious and well stocked library with 40,000 books, e-journals, and a well structured database with fully automated functioning to monitor the distribution of books. It accommodates for about 50 users at a stretch. Power backup: The institution provides a highly intermittent power supply along with a separate room for operating the Generator It supplies 125 KVA to the campus with an uninterrupted power supply, with an intention to support the teaching learning process in a better way.

Provide the weblink of the institution

<https://aits-hyd.org/igac>

### 8.Future Plans of Actions for Next Academic Year

- The institution will enhance the Centre of Excellence in emerging areas in the field of Engineering Technology
- The college will establish more number of UG, PG programs.
- The institution will introduce value added courses in the emerging areas to cater the need of the changing society. .
- The college will develop entrepreneurship skills through RD Business Incubation Cell.
- The college will also sign more number of MoUs with Foreign/National Universities/Industries with a view to send students to abroad for their higher studies.
- The institution will have more number of doctorates in all the departments.
- • The college planning to apply for NIRF ranking in future.
- It will establish the Green renewable energy technologies in and around the campus to fulfill the requirements of the Society.
- In the conclusion, the institution will disseminate astonishing development in all aspects in a meticulous way.

