# Yearly Status Report - 2016-2017

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1. Name of the Institution** | **ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES** |
| Name of the head of the Institution | **DR.P.V.KRISHNAMURTHY** |
| Designation | **Principal** |
| Does the Institution function from own campus | **Yes** |
| Phone no/Alternate Phone no. | **08415201689** |
| Mobile no. | **9848924705** |
| Registered Email | **principalaith@gmail.com** |
| Alternate Email | **iqacaith@gmail.com** |
| Address | **Piglipur (Village), Abdullapur-met (Mandal), Ranga Reddy District** |
| City/Town | **Blatasingaram, Hyderabad** |
| State/UT | **Telangana** |
| Pincode | **501512** |

## 2. Institutional Status

| | |
|---|---|
| Affiliated / Constituent | **Affiliated** |
| Type of Institution | **Co-education** |
| Location | **Rural** |
| Financial Status | **private** |
| Name of the IQAC co-ordinator/Director | **J.SHANKAR** |
| Phone no/Alternate Phone no. | **08415201689** |
| Mobile no. | **8688963917** |
| Registered Email | **iqacaith@gmail.com** |
| Alternate Email | **shankar.jngm@gmail.com** |

## 3. Website Address

| | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | [https://aits-hyd.org/iqac](https://aits-hyd.org/iqac) |

## 4. Whether Academic Calendar prepared during the year

| | |
|---|---|
| **4. Whether Academic Calendar prepared during the year** | **Yes** |
| if yes,whether it is uploaded in the institutional website: Weblink : | [https://aits-hyd.org/iqac](https://aits-hyd.org/iqac) |

## 5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|---|---|---|---|---|---|
| | | | | Period From | Period To |
| **1** | **A** | **3.05** | **2015** | **03-Mar-2015** | **02-Mar-2020** |

## 6. Date of Establishment of IQAC

**20-Jul-2013**

## 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 |
| **Soft skill training Program** | **16-Dec-2016**<br>**74** | **40** |

**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 |
|---|---|---|---|---|
| No Data Entered/Not Applicable!!! | | | | |
| 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 :** | **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 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)**

• **Seminars were conducted for Faculty and NonTeaching Staff to create awareness about quality aspects. • Quality Indices for departments and the Institute are generated and implemented. • Based on the indices, analysis is done in the areas of attendance, results, faculty publications, projects, faculty quality, placements, intake gender ratio etc.. • Analysis of research publications was done. FDP conducted on Research Publication. • Periodical meetings are conducted to review the progress**

**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 |
|---|---|
| Gap Analysis based on previous NAAC accreditation Report. | Improvement in publication, both in quality number. Teaching Learning process was improved to meet the autonomous standards. No. of placements |

| | |
|---|---|
| | are increased with the improvement in the placement training. |
| Regular analysis based on quality indices are prepared by IQAC. | The indices made a good impact in improving the attendance, research works and placements. |
| Preparation of a roadmap of NAAC work | Improvements are noticed in the criteria due to no. of review meetings and workshops. |
| No Files Uploaded !!! | |

| **14. Whether AQAR was placed before statutory body ?** | **Yes** |
|---|---|

| Name of Statutory Body | Meeting Date |
|---|---|
| GOVERNING BODY | 09-Jan-2017 |

| **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 | **2017** |
| Date of Submission | **04-Mar-2017** |
| **17. Does the Institution have Management Information System ?** | **Yes** |
| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | **1. SMS gateway to send important notifications to different stakeholders of the college. 2. Up gradation of the college website with special importance to MIS. 3. Communication of important information to general public through website and conventional notices** |

## 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

> The Institution has in place an Outcome Based Education (OBE) process. The faculty after going through the syllabus work on to establish the gap existing between the Semester End Evaluation (SEE) system as practised by the university to which our institution has been affiliated and the attributes required to meet the expectations of the industry. The gap analysis involves identifying the gap in content to which every student is expected to learn and exhibit to

use the prowess so learnt to meet the requirements of the industry. The Curriculum delivery is planned and delivered to attain the Program Outcomes (POs) identified by each of the programs/departments aligned with POs as specified by NBA. Further the content to be delivered is designed to address attainment of Program Specific Outcomes (PSOs) detailed by the departments. The POs and PSOs for each of the departments have been uploaded on our website. A well designed evaluation system involving assignments, tutorials, internal assessment test (continuous evaluation) have been in place. In certain specific subjects, session end evaluation (Quizzes, multiple choice questions …) have also been designed. A professional approach to preparing session plans for delivery and consumptions is being prepared to be implemented during the ensuing academic year 2016-17. The faculty work on Plan-Deliver-Check/evaluation-Act (PDCA) for continuously improving the process.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entreprene urship | Skill Development |
|---|---|---|---|---|
| Spoken English | 08/08/2016 | 50 | Employabilit y | Communicatio n Skill |

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---|---|---|
| No Data Entered/Not Applicable !!! | | |
| No file uploaded. | | |

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 |
|---|---|---|
| No Data Entered/Not Applicable !!! | | |

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

| | Certificate | Diploma Course |
|---|---|---|
| Number of Students | 4 | 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 |
|---|---|---|
| Technical Training on Data Structures | 15/07/2016 | 140 |
| View File | | |

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 | 20 |
| 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

Feedback is being obtained to evaluate the performance of the faculty inside the class room by his/her students twice during each semester – 1. Formative feedback and 2. Summative feedback. The formative feedback is obtained during 3rd /4th week of every semester and the summative feedback is obtained during the final weeks of the semester. The students would participate in giving the feedback online. The formative feedback would be analysed for both the academic performance and the inter-personal relationship criterion of the faculty competence as visualised by the student perception. The reasons for the said performances are identified by the individual faculty/department/institution and actions are strategized to eliminate the causes of disruption. The actions are implemented subsequently. The summative feedback is analysed to establish the improvements on action initiated after the formative feedback. A feedback to evaluate the facilities provided by the institution and the ambience provided for student centric learning is obtained at the end of the program every year from the outgoing final year students. The results are analysed, corrective and preventive actions are initiated to overcome any flaw/s indicated by the said feedback. Also feedbacks are obtained from alumni towards their possible contribution to curriculum development/curriculum enlargement/enrichment, to support our students in employment.

## 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 |
| --- | --- | --- | --- | --- |
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

### 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 |
| --- | --- | --- | --- | --- | --- |
| 2016 | 210 | 42 | 163 | 27 | 52 |

### 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 |
|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | |
| 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)

A batch of twenty students is assigned to one faculty member who would be officiating as a mentor/counsellor. No sooner than students take admission to our institution he/she would have a faculty-counsellor assigned. Five students from first year is allotted to one faculty with the existing higher semester students. Every student will be counselled at least once by the faculty -counsellor every semester. Issues which can be resolved at the faculty level would be taken care off and those beyond their capability will be referred to higher authorities for resolutions. The counselling would be centred around issues pertaining to student performance in academics, overall development of their personality by getting trained in soft skills and English language competence, specific skill set training to be managed by students for better career prospects apart from any specific personal issues which might be affecting their progress.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|---|---|---|
| 252 | 182 | 1:15 |

## 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 |
|---|---|---|---|---|
| 145 | 182 | 0 | 11 | 17 |

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 |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| View File | | | |

## 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 |
|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institution has adopted an Outcome Based Education (OBE) system. 1) The faculty evaluate the levels of examination questions set by the university for Semester End Examination (SEE) and identify the gaps to be made up to meet the requirements of Course Outcomes (COs). The gap is made up through the internal

assessment tests where the questions are set as per the University norms. 2) Also the faculty in each subject supplement the content together with assignments to be completed by students to augment the prescribed syllabus so as to meet the requirements of Program Outcomes (POs). Hence a continuous effort is being exercised to add value to our students and prepare them to meet the current needs of the industry. 3) To administer uniformity for conduct of internal assessment tests which incidentally would be accountable for measurement of Course Outcomes attainments and hence Program Outcome attainments, a system akin to conduct of university semester end examinations has been implemented in this academic year.

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

According to the JNTUH academic calendar the meeting is incorporated before releasing the calendar to all departments by the principal. All the internal assessment tests are conducted centrally as per the academic calendar. Formative and summative feedback is administered as per the schedule. All other activities like Scholarship award function, Cultural day Project Exhibition etc. are celebrated as per the plan. In case of any eventuality/emergency a particular event may be rescheduled with the permission of the head of the institution

## 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/iqac

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 |
|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | |
| View File | | | | | |

## 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/iqac

## 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 |
|---|---|---|---|---|
| Any Other (Specify) | 60 | AITH | 1.5 | 1.5 |
| Any Other (Specify) | 30 | AITH | 0.25 | 0.25 |
| Any Other (Specify) | 30 | AITH | 0.4 | 0.4 |

| Total | 120 | AITH | 2.15 | 2.15 |
|-------|-----|------|------|------|

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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 |
|---------------------------|-------------------|------|
| Industrial Property – The carrigage for success | CSE | 12/12/2016 |
| Management of Intellectual Property Rights-Modularity and IP Protection | CSE | 06/03/2017 |
| Patent laws, Indian Innovations and Licensing Policies | CSE | 15/05/2017 |
| IP litigations-The Legal Mistakes Made | CSE | 13/03/2017 |
| Industrial Design Protection | EEE | 18/07/2016 |
| Future Generation Wireless Network | ECE | 05/11/2016 |
| A One Day Seminar On Concepts On Concrete Technologies -Latest Trends Technology By Dr . V Bikshma | CIVIL | 16/07/2016 |

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 |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
| Microsoft | Microsoft Innovation Center | AITH | Microsoft is Academic Alliance Recognition Program which helps the students grow with Industry Connections, keep pace with changing Technologies and curriculum | We link with academic learning to real world job skills helping students graduate with the Technology knowledge required by today's Job market. | 11/07/2016 |

| demands | | |
|---|---|---|

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## 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|---|---|---|
| 6 | 2 | 0 |

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) |
|---|---|---|---|
| National | CSE | 1 | 1.5 |
| National | SH | 1 | 1.8 |
| International | CSE | 1 | 3.8 |
| International | EEE | 7 | 3.6 |
| International | MECH | 1 | 2.87 |
| International | SH | 4 | 1.2 |

**No file uploaded.**

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

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

[View File](#)

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 |
|---|---|---|---|---|---|---|
| Performance Parameters and Exhaust Emissions of Four | Dr.P.V.Krishna Murthy | Performance Parameters and Exhaust Emissions of Four | 2017 | 21 | 45 | AITH |

| Stroke Copper Coated Spark Ignition Engine with Alcohol Blended Gasoline with Catalytic converter, | | Stroke Copper Coated Spark Ignition Engine with Alcohol Blended Gasoline with Catalytic converter, | | | |
| --- | --- | --- | --- | --- | --- |
| **No file uploaded.** | | | | | |

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

| Number of Faculty | International | National | State | Local |
| --- | --- | --- | --- | --- |
| Attended/Seminars/Workshops | 0 | 7 | 10 | 9 |
| Presented papers | 8 | 8 | 0 | 3 |
| Resource persons | 0 | 3 | 1 | 0 |
| **No file uploaded.** | | | | |

## 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 |
| --- | --- | --- | --- |
| Swacch Campus Abhiyaan | NSS Unit AITS | 6 | 150 |
| View File | | | |

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 |
| --- | --- | --- | --- |
| Swacch Bharat Internship Programme | Certification of Participation | UGC | 25 |
| **No file uploaded.** | | | |

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 activites | Number of students participated in such activites |
| --- | --- | --- | --- | --- |
| **No Data Entered/Not Applicable !!!** | | | | |
| View File | | | | |

**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 |
|---|---|---|---|
| Training/project Work | SK Techsol Engineers PVT LTD | SK Techsol Engineers PVT LTD | 365 |
| Projects/Research | Conscience Technologies, Hyderabad | Conscience Technologies, Hyderabad | 365 |
| No file uploaded. | | | |

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 !!! | | | | | |
| View File | | | | | |

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 |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| 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 |
|---|---|
| 35 | 36 |

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 |
| Seminar Halls | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Existing |
| Seminar halls with ICT facilities | Existing |
| Classrooms with LCD facilities | 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 |
|---|---|---|---|
| NewGenLib | Partially | v3.0.4 | 2016 |

4.2.2 – Library Services

| Library Service Type | Existing | Newly Added | Total |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| 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 |
|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | |
| 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 | 300 | 5 | 100 | 5 | 6 | 3 | 6 | 100 | 300 |
| Added | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Total | 330 | 6 | 100 | 5 | 6 | 3 | 6 | 100 | 360 |

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 |
|---|---|
| No Data Entered/Not Applicable !!! | |

**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 incurredon maintenance of physical facilites |
|---|---|---|---|
| 40 | 45 | 85 | 88 |

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 academic process identifying the process input, process output, process interface and process monitoring requirements .In addition, the procedures detailing the sub process like 1. Academic Planning which includes • Inter departmental Program (Service Program) Planning •Finalization of Electives • Time table Preparation 2. Delivery of Program •Theory Classes • Laboratory Works • Project Work • Summer Projects •Comprehension for UG programs • Seminar Sessions 3.Attendance 4. Monitoring the Class Activities 5. Assessment 6. Reference Materials 7. New Faculty Evaluation 8. In plant training 9. Feedback • Class committee meetings • Students' feedback: 10. Control of Nonconforming Services11. Department Meetings 12. Performance Analysis LIBRARY details the process of monitoring library services. The purpose is to provide library services to faculty and students for updating them with the latest developments in the relevant field. QP09A details the process of monitoring library services like Purchase of Books and Journals, Receipt of Books, Reference Books, Subscription of Periodicals, Non Book Material, New Arrivals, Issue and Return of Books/Back volumes// Non book materials, Stock Verification, Identification and Maintenance of Books, Photocopy Service and Library General Rules. GENERALMAINTENANCE. General maintenance includes maintenance of buildings, electrical equipments/facilities, Fire Extinguishers and Housekeeping. The purpose is to carry out both preventive and breakdown maintenance of infrastructure facilities. Deviation in completing of preventive maintenance is monitored once in three months and recorded. Repetitive breakdowns (or undue delay in attending the break downs affecting the availability of utilities) are also recorded.

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 |
|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | |
| **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 implemetation | Number of students enrolled | Agencies involved |
|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | |
| View File | | | |

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 passedin the comp. exam | Number of studentsp placed |
|---|---|---|---|---|---|
| 2016 | CAT, GRE, GMAT, IELTS TOFEL | 20 | 30 | 15 | 8 |
| 2016 | GATE,APTRANCO,APGENCO, A | 40 | 21 | 24 | 16 |

| 2017 | CAT, GRE, GMAT, IELTS & TOFEL,PTE | 33 | 31 | 10 | 19 |

| PDICCO,BHEL, NTPC. | | | | |

**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 |
| --- | --- | --- |
| 2 | 2 | 15 |

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
| --- | --- | --- | --- | --- | --- |
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed |
| **No Data Entered/Not Applicable !!!** | | | | | |
| *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 | Depratment graduated from | Name of institution joined | Name of programme admitted to |
| --- | --- | --- | --- | --- | --- |
| **No Data Entered/Not Applicable !!!** | | | | | |
| *View File* | | | | | |

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 |
| --- | --- |
| GRE | 4 |
| GATE | 5 |
| TOFEL | 4 |
| GMAT | 1 |
| **No file uploaded.** | |

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

| Activity | Level | Number of Participants |
| --- | --- | --- |
| **No Data Entered/Not Applicable !!!** | | |
| *View File* | | |

## 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 | Number of awards for | Student ID number | Name of the student |
| --- | --- | --- | --- | --- | --- | --- |

| | | | Sports | Cultural | | |
|---|---|---|---|---|---|---|

View File

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 practice of identifying student representatives for each class and nominates them to the student council. The members from this council are adopted for different administrative bodies. The council is responsible for conduct of many an activity in the campus including curricular, co-curricular and extracurricular activities. The activities of the council would be supported by the participation of all the faculty members. The required funding for conduct of such events is met by the management of the institution. The institution has staff-student consultant committee to discuss and solve problems related to academic, co-curricular activities, extra-curricular activities, industry interaction and research.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes the institution has an active registered Alumni association, the registration is renewed every year. The members meet at least once in a year and discuss all the issues pertaining to the development of the institution both academically and otherwise. The alumni participation basically is in areas of identifying the gaps between the levels of learning within the campus and the levels of learning expected by the industry. The institution arranges lectures by alumni in different departments so that the students can be motivated to prepare themselves for careers in an environment of global competition.

5.4.2 – No. of enrolled Alumni:

25

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 institution as already indicated promotes participative management. • Various different committees at institutional levels and departmental levels are responsible for planning and executing many operational procedures in the institution. • The institution firmly believes that achievement of quality is every employee's business and everyone in the institution has a stake in contributing towards achievement of excellence. • Every employee at all levels has an opportunity to contribute his/her innovative ideas leading to improved processes and hence higher quality results. • This is achieved through the committees operating at strategic, mid-level (HODs) and operational (Departments and cells) levels of management.

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

**Partial**

## 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 |
|---|---|
| Curriculum Development | Program Assessment Committee meetings are conducted every year with academic and industry experts evaluating the feedback of various state holders and inputs by the faculty and students. Department meetings are held to assess the Course outcome, Program Outcome and Program Educational Objectives. |
| Teaching and Learning | Provision of state of the art learning resources in Central library •Highly ventilating and hygienic classrooms • Development of student support material • Conduct of remedial/ slow learners / toppers coaching classes • Delivery of add on courses •Conduct of pre placement training classes and campus connect programmes • Structured course files and lab manuals for all courses • Continuous assessments and evaluation systems • Academic audit •Continuous improvement of resources |
| Examination and Evaluation | Properly structured and organized exam cell • Two question paper setting pattern • Evaluation and result analysis • Retest conduction if required |
| Research and Development | Formulation of Research committees •Allocation of budget for in house R D •Incentives and rewards for publications/ research • Financial assistance to students for fabricating working |
| Library, ICT and Physical Infrastructure / Instrumentation | • Regular updating of Library facilities, ICT and Physical infrastructure |
| Human Resource Management | : • Transparent policy document •Transparent and scientific way of recruitment • Formulation and communication of policies of the college • Support for academic advancement • Systematic performance appraisal system and guidance to the people concerned • Systematic promotion policies • Democratic way of administration with participative management |
| Industry Interaction / Collaboration | • Regularly organisation of industrial |

| | |
|---|---|
| | visits • Guest lectures by experts from industry |
| Admission of Students | The institution follows AICTE norms and the rules of the Government of Telangana for admission of students. The seats of are filled only on merit basis through JNTUH and through Consortium of Self Financing Engineering colleges. Immediately after the Publication of higher Secondary examination results, the students submit their Engineering Admission applications to the JNTUH. The JNTUH ranks the applicants based on merit. The seats are allotted to the students through a single window system of counselling, adhering to the quota for different communities and according to the ranks secured. For the management quota seats, the seats are allotted purely on merit basis to the students based on the Merit. |

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

| E-governace area | Details |
|---|---|
| Planning and Development | • Planning and Development: he Institute through the Academics cell uploads tentative detailed calendar for every semesters on the Institute website before commencement of the academic session. The calendar highlight various activities and events viz. admission to various Semesters ,internal and external examination schedules, sports, holidays, Induction and farewell programs, etc. The Institute also updates and make aware of the upcoming activities of the Institute and important events held in the Institute through the Institute website and various Medias such as Emails and Whatsapp. |
| Administration | Biometric system for attendance of faculty and staff. Salary intimation through message system to all faculty and staff |
| Finance and Accounts | Scholarship of students and salaries of employees are credited to their bank accounts directly. |
| Student Admission and Support | Admission information put up on the Institute's website and admission process is carried out through offline |
| Examination | information regarding examination matters are uploaded on the Institute's Website. And notice board, Department |

## 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 |
|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

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) |
|---|---|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | | | |
| 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 |
|---|---|---|---|---|
| No Data Entered/Not Applicable !!! | | | | |
| View File | | | | |

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

| Teaching | | Non-teaching | |
|---|---|---|---|
| Permanent | Full Time | Permanent | Full Time |
| 0 | 182 | 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)

Being an affiliated institute there is no financial support from the state government for the development of the institute. Tuition Fee is the main source of income for the organization. The institute has got adequate financial resources in the form of fee collected from the students to meet effectively the annual maintenance and development expenditures of the college. The Tuition Fee is collected from the students through the administrative department and deposited in a unique bank account. This bank account is made to have a

structural transaction in a hierarchical model with the support of the Financial Advisor of the trust. The same is used for the various Administrative and academic expenses. The institution provides additional facilities like transport, food etc. and the respective fee collected are used for the expenses under appropriate head. Other than the regular fees through the technical skills of the faculty and students various sponsored programmes, testing / consultancy industry assignments and research centre/resource establishment are carried out to strengthen the research infrastructure of the institute. A yearly budget is prepared strategically with the composition of pay allowances, recurring nonrecurring expenses and regular maintenance establishment expenses. This estimated budget is well monitored periodically and the account statement is prepared at the end of the academic year. This annual account statement is duly audited by the chartered accountant.

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 |
| --- | --- | --- |
| Management | 43413954 | Institution development |

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6.4.3 – Total corpus fund generated

| 360000 |
| --- |

## 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 | No | | Yes | IQAC |
| Administrative | No | | Yes | IQAC |

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

. Mentoring 2. Counselling 3. Discipline committee meetings (regularly meetings at periodic intervals)

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)

• Enhanced use of ICT by faculty in the teaching-learning process. • Introduction of skill/capability enhancement certificate courses. • Initiatives for a green campus barrier free campus-ramps.

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 |
|---|---|---|---|---|---|
| **2016** | **Introduction of computer course for students from new session** | **12/09/2016** | **16/12/2016** | **28/02/2017** | **40** |

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# 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 |
| **Pongal Traditional Day** | **11/01/2017** | **11/01/2017** | **82** | **35** |

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 |
|---|
| **• Energy Conservation • Use of renewable energy • Water harvesting • Plantation/Greening drives • Hazardous waste management and ewaste management** |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|---|---|---|
| **Physical facilities** | **Yes** | **0** |
| **Provision for lift** | **Yes** | **0** |
| **Rest Rooms** | **Yes** | **0** |
| **Scribes for examination** | **Yes** | **0** |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadva ntages | 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 |
|---|---|---|---|---|---|---|---|
| **No Data Entered/Not Applicable !!!** | | | | | | | |
| **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) |
|---|---|---|

| No Data Entered/Not Applicable !!! |
| --- |

### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
| --- | --- | --- | --- |
| No Data Entered/Not Applicable !!! | | | |
| No file uploaded. | | | |

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

AITS, Hyderabad is located at Piglipur a popular town near Abdullapurmet in RR district in Telangana. the Campus stands unique with its lush green expanse, paved pathways and a serene, soothing environment. Our strategic plans for development have always been driven by a love for nature and sustainability of important resources like energy, water, green cover etc

## 7.2 – Best Practices

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

- Research Forum Slip Test

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/iqac

## 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

The safe campus, offers a truly unrivalled study experience with various courses, outstanding facilities, comprehensive support and highly disciplined life. VISION OF AITS "To educate the student community both by theory and practice to fit in with the society and to conquer tomorrow's technology at global level with human values through our dedicated team". MISSION OF AITS "To provide world class education in engineering, technology and management, to foster research development, to encourage creativity and promote innovation, to build leadership, intrapreneurship and entrepreneurship and to nurture teamwork and achieve stakeholders delight". The most significant contribution that an educational institution, especially an engineering college makes is enabling progress in the world through its students. A college with a vision helps progress bloom. The logo unit is a reflection of the same thought. It has a budding flower in bright orange, blooming. In the background is a gearwheel – a tool that's integral to progress and engineering – that's rising and shining. Together, they sit majestically on the word mark of AITS, completing the elements of the logo unit. QUALITYPOLICY: We are committed to provide quality education to students to acquire life skills thus enabling them to achieve academic and professional excellence. We continually motivate all our educators and support service providers for enhancing professional competencies for effective implementation of Quality Management System.

Provide the weblink of the institution

https://aits-hyd.org/iqac

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

- To achieve within top 5 position in affiliated colleges of JNTUH •100 Placement in core companies • Centre of Excellence • To enhance the employability skills of students • Increasing RD activities