



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

|   |   |
|---|---|
| Part A  |   |
| <b>Data of the Institution</b>                |   |
| <b>1. Name of the Institution</b>             | ADITHYA INSTITUTE OF TECHNOLOGY                       |
| Name of the head of the Institution           | Dr .S.Muthu   |
| Designation                                   | Principal   |
| Does the Institution function from own campus | Yes   |
| Phone no/Alternate Phone no.                  | +917373381000   |
| Mobile no.                                    | 9790017157  |
| Registered Email                              | principal@adithyatech.com                             |
| Alternate Email                               | mylsamy_k@adithyatech.com                             |
| Address                                       | S.F.nO.348/1. 349/1, Kurumbapalayam, SS<br>Kulam Post |
| City/Town                                     | Coimbatore  |
| State/UT                                      | Tamil Nadu  |
| Pincode                                       | 641107  |

| 2. Institutional Status   |                 |   |                                       |             |             |
|---|-----------------|---|---------------------------------------|-------------|-------------|
| Affiliated / Constituent  |                 | Affiliated  |                                       |             |             |
| Type of Institution   |                 | Co-education  |                                       |             |             |
| Location  |                 | Rural   |                                       |             |             |
| Financial Status  |                 | private   |                                       |             |             |
| Name of the IQAC co-ordinator/Director                                    |                 | Dr.K.Mylsamy  |                                       |             |             |
| Phone no/Alternate Phone no.  |                 | +917373381000   |                                       |             |             |
| Mobile no.  |                 | 9865974859  |                                       |             |             |
| Registered Email  |                 | iqac@adithyatech.com  |                                       |             |             |
| Alternate Email   |                 | mylsamy_k@adithyatech.com   |                                       |             |             |
| 3. Website Address  |                 |   |                                       |             |             |
| Web-link of the AQAR: (Previous Academic Year)                            |                 | <a href="http://adithyatech.edu.in/wp-content/uploads/2022/05/AQAR-2017-18.pdf">http://adithyatech.edu.in/wp-content/uploads/2022/05/AQAR-2017-18.pdf</a>   |                                       |             |             |
| 4. Whether Academic Calendar prepared during the year                     |                 | Yes   |                                       |             |             |
| if yes,whether it is uploaded in the institutional website:<br>Weblink :  |                 | <a href="http://www.adithyatech.edu.in/wp-content/uploads/2014/10/Academic-Calendar-2019-20-Odd-Sem.jpg">http://www.adithyatech.edu.in/wp-content/uploads/2014/10/Academic-Calendar-2019-20-Odd-Sem.jpg</a> |                                       |             |             |
| 5. Accrediation Details   |                 |   |                                       |             |             |
| Cycle   | Grade           | CGPA  | Year of Accrediation                  | Validity    |             |
|   |                 |   |                                       | Period From | Period To   |
| 1   | B+              | 2.53  | 2017                                  | 12-Sep-2017 | 12-Sep-2022 |
| 6. Date of Establishment of IQAC  |                 |   | 02-Jan-2017                           |             |             |
| 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 |             |             |

|  |                  |     |
|--|------------------|-----|
| Programme on Quality Assessment by Accreditation | 07-Jul-2018<br>3 | 256 |
| Academic Audit                                   | 12-Oct-2018<br>3 | 56  |
| Academic Audit                                   | 05-Apr-2019<br>3 | 47  |
| No Files Uploaded !!!                            |                  |     |

**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 |
|--------------------------------|---------|----------------|-----------------------------|--------|
| Mechanical Engineering         | Seminar | TNSCST         | 2019<br>1                   | 15000  |
| <a href="#">View File</a>      |         |                |                             |        |

**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 :**

4

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)**

? Assist to prepare academic calendar ? Assist to prepare department level road map ? Performance appraisal of faculty is an important activity and IQAC shall be nodal centre for the same ? Strengthened placement cell and IIPC ? Publication of journal in international standards ? Organizing workshop, seminars on quality related themes ? Development of research based work culture ? Documentation for academic and administration work ? Creating links with industries through MoU ? ParentTeacher Meeting to strengthen students' academic progression ? Faculty attended workshops on the Choice Based Credit System to be newly implemented at the Anna University, Chennai ? Institutional Social Responsibility activities were given due importance ? Academic autonomy was ensured through systematic check points. ? More Faculty Development Programs, workshops and seminars were organised for ensuring quality in higher education and creating awareness to

bridge the gap between traditional pedagogy.

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   |
|--|--|
| 1. Academic Calendar   | The Academic Calendar for the session 201819 was more elaborate and was successfully executed.                       |
| 2. Accelerate the clubs and cells activity                       | Many activities and programme were organished  |
| 3. Conduct internal academic audit                               | Internal academic audit has been conducted for all departments in between internal assessment tests                  |
| 4. Academic autonomy was ensured through systematic check points | All courses follow a lecture plan and all teachers prepare a course-file for their respective subjects each semester |
| 5. College website upgraded                                      | Stakeholders aware of all information online   |
| 6. Legal awareness for women                                     | Empowerment of women through awareness of their legal rights   |
| No Files Uploaded !!!  |  |

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

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Governing Body         | 15-Dec-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

09-Jan-2019

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

Yes

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

The institution is starting from used to Learning Management Systems (LMS).

The following systems are fully functional in the Institute ? Biometric Attendance System for Staff ? Library is fully automated and uses the software ? Institutional email system ? Online system for Daily Reports ? MOOC and Google Classroom ? CCTV and Security Systems ? Publications in e-version. ? SMS through notification gateway is sent to parents regarding low attendance and academic performance etc. ? The latest news, updates and information is provided to various stakeholders through facebook, LinkedIn, and other social media platforms. ? Ledger records are maintained electronically through Tally. ? Students evaluate teachers online through TAQ (Teaching Assessment Questionnaire) and outcome are evaluated, analyzed and computed. Apart from all these the students are encouraged to develop apps, websites and software as per the requirements. The social media profile of the institute is also actively managed by the team of students.

## 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

AIT is committed to provide the distinctive learning environment and skills, for understanding of self and others, to learn to solve personal and social problems and continually improving the overall performance of the 'Learning Management Systems'. While revision and up-gradation of the syllabus is done at the University level, the college has a mechanism for effective, documented curriculum delivery. At the commencement of each academic year, every faculty member provides the students with individual time plans and reading lists for each course which are displayed in the LMS which can be easily accessed by the students. These time plans are adhered to, so that the student is able to gauge with a degree of clarity regarding the portion of curriculum will be delivered within the stipulated time 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 etc., are all available to make the delivery of the curriculum enabling and interesting for the students. In some departments bridge courses or improvement / remedial courses are held in order to make the curriculum delivery more holistic and effective. Tutorials are held for participative learning and it is encouraged. Internal assessment is done transparently with examined scripts shown to students. The institute and Faculty members are effectively available for bridging the knowledge gap of the enrolled 'slow learners' to enable them to cope up with the programme of their choices and as well as to promote, reward and facilitate 'advanced' learners. This includes mentorship, tutorials

and remedial teaching. The entire approach is student centric. As per the lesson plan the contents are delivered to the students and it is monitored by respective program coordinators and Head of the departments and members of IQAC Committee.

#### 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           |
|---------------------------------|-----------------|-----------------------|----------|--|-----------------------------|
| Lab view                        | Nil             | 11/09/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Solid works                     | Nil             | 11/09/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| PLC SCADA                       | Nil             | 25/09/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| PHP and MySQL Programming       | Nil             | 20/08/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Advanced Java Programming       | Nil             | 20/08/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Cloud Computing with AWS        | Nil             | 26/11/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Total Station                   | Nil             | 02/07/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Staad.Pro                       | Nil             | 02/07/2018            | 48       | Employability and entrepreneurship       | Acquired Practical Exposure |
| Industrial Robotics programming | Nil             | 28/09/2018            | 16       | Employability and entrepreneurship       | Acquired Practical Exposure |

#### 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> |                          |                       |
| 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 |
|----------------------------------|-------------------------------------|---|
| <b>BTech</b>                     | <b>Information Technology</b>       | <b>03/07/2017</b>                                     |
| <b>ME</b>                        | <b>Structural Engineering</b>       | <b>03/07/2017</b>                                     |
| <b>ME</b>                        | <b>Computer Science Engineering</b> | <b>03/07/2017</b>                                     |

|     |   |            |
|-----|---|------------|
| ME  | Engineering Design  | 03/07/2017 |
| ME  | Applied Electornics   | 03/07/2017 |
| ME  | VLSI Design   | 03/07/2017 |
| MBA | HR,Marketing,<br>Finance,Systems,<br>Production, Logistics &<br>Supply Chain &<br>Infrastructure and Real<br>Estate | 03/07/2017 |
| BE  | Civil Engineering   | 03/07/2017 |
| BE  | Comuter Science<br>Engineering  | 03/07/2017 |
| BE  | Electronics and<br>Communication Engineering  | 03/07/2017 |
| BE  | Electrical and<br>Electronics Engineering   | 03/07/2017 |
| BE  | Mechanical Engineering  | 03/07/2017 |

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

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 410         | 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 |
|------------------------------------|----------------------|-----------------------------|
| PHP and MySQL<br>Programming       | 20/08/2018           | 52                          |
| Advanced Java<br>Programming       | 20/08/2018           | 30                          |
| Cloud Computing with<br>AWS        | 26/11/2018           | 10                          |
| Total Station                      | 03/12/2018           | 28                          |
| Staad.Pro                          | 03/12/2018           | 47                          |
| Industrial Robotics<br>programming | 28/09/2018           | 48                          |
| Lab view                           | 11/09/2018           | 90                          |
| Solid works                        | 11/09/2018           | 90                          |
| PLC SCADA                          | 25/09/2018           | 15                          |
| <a href="#">View File</a>          |                      |                             |

### 1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization            | No. of students enrolled for Field<br>Projects / Internships |
|-------------------------|-------------------------------------|--|
| BE                      | Civil Engineering                   | 47   |
| BE                      | Computer Science and<br>Engineering | 28   |

|                           |   |     |
|---------------------------|---|-----|
| BE                        | Electrical & Electronics Engineering    | 19  |
| BE                        | ELECTRONICS & COMMUNICATION ENGINEERING | 42  |
| BE                        | MECHANICAL ENGINEERING                  | 178 |
| BTech                     | INFORMATION TECHNOLOGY                  | 8   |
| MBA                       | MASTER OF BUSINESS ADMINISTRATION       | 30  |
| ME                        | Applied Electronics                     | 1   |
| ME                        | Computer Science and Engineering        | 4   |
| ME                        | Engineering Design                      | 2   |
| <a href="#">View 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>The Teachers Assessment Questionnaire (TAQ) taken by students of all batches is given to each teacher by the Principal after being collated, statistically analyzed and tabulated, clarifying, if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. A self appraisal is prepared by each teacher. The Principal intervenes and addresses possible areas of improvement. Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring their maximum satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated for upgrading, maintaining and utilizing physical, academic and support facilities effectively. Structured feedback is taken from students, alumni, employers and experts from academia, industry and research through course/ programme review feedback. Feedback from students is also taken through class committee meetings, and corrective measures are taken accordingly to improve the teaching learning processes.</p> |

## 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 |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| BE                    | Civil Engineering        | 60                        | 20                             | 5                 |
| BE                    | Computer                 | 120                       | 64                             | 38                |



|                           |   |     |    |    |
|---------------------------|---|-----|----|----|
|                           | Science and Engineering                   |     |    |    |
| BE                        | Electronics and Communication Engineering | 120 | 40 | 23 |
| BE                        | Electrical and Electronics Engineering    | 60  | 19 | 8  |
| BE                        | Mechanical Engineering                    | 240 | 52 | 36 |
| ME                        | Computer Science and Engineering          | 24  | 12 | 1  |
| ME                        | Structural Engineering                    | 24  | 30 | 8  |
| ME                        | VLSI Design                               | 24  | 8  | 0  |
| ME                        | Applied Electronics                       | 18  | 10 | 0  |
| ME                        | Engineering Design                        | 24  | 18 | 1  |
| MBA                       | MBA                                       | 0   | 0  | 0  |
| BTech                     | Information Technology                    | 60  | 55 | 31 |
| <a href="#">View File</a> |   |     |    |    |

## 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 | 921   | 59  | 134   | 17  | 5  |

## 2.3 – Teaching - Learning Process

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

| Number of Teachers on Roll                                   | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|--|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 156  | 156   | 3                                 | 10                               | 0                          | 3                               |
| <a href="#">View File of ICT Tools and resources</a>         |   |                                   |                                  |                            |                                 |
| <a href="#">View File of E-resources and techniques used</a> |   |                                   |                                  |                            |                                 |

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

Students are supported through remedial coaching classes and mentoring. Students are provided with necessary information and guidance from Alumni to help them in analyzing job profiles and career opportunities after

completion of their graduation. Guest lectures are arranged to students for providing overall career development after graduation. Alumni committee is established to bridge the gap between current batch students and passed out for employability skills enhancement required in industry. Students are encouraged to participate in various Seminars, Workshops Symposiums. Subject wise special remedial classes are provided for slow learners. The students who are little slow in their grasping as compared to their counterparts are identified on the basis of their class participation, pass percentage, classroom performance, and regularity in submission of assignments, punctuality and personal interactions. The Mentors are appointed to meet the needs of the slow learners. They provide them personal, academic and social counseling. The mentors help the students, particularly slow learners to develop their personality and move ahead. On the other side, the institute also identifies, the advance learners, and work on them as per the requirements. Advanced learners are facilitated with state of the art facilities in terms of well equipped library provided with latest edition of books, online journals, computer labs, Internet and other amenities. Advance learners are also encouraged to take up internships and industry based projects. The various activities like management technical fest, quiz, debates, seminars, exhibitions, colloquium etc., are conducted/ made them participated for advanced learners to motivate them and help them excel in all the fields.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 980  | 156                         | 1:6                   |

## 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 |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 157                         | 156                     | 1                | 1  | 19                       |

### 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          | Mrs.W.Sherine Mary - National Level   | Assistant Professor | SIH MHRD   |
| 2018          | Mr.S.Muthukumar - National Level  | Assistant Professor | PALS Innowah   |
| 2018          | Mr.S.Muthukumar /Mrs.W.Sherine Mary - National Level  | Assistant Professor | Department of Science and TechnologyDST Government of India                  |
| 2018          | Mr.S.Muthukumar /Mrs.W.Sherine Mary - National Level  | Assistant Professor | Department of Science and TechnologyDST Government of India                  |
| 2018          | Mrs.W.Sherine Mary-National Level   | Assistant Professor | Young Faculty Awards - 2018, Engineering Professional Society                |
| 2018          | Mr.S.Muthukumar-National Level  | Assistant Professor | Young Faculty Awards - 2018, Engineering Professional Society                |

|                           |                                      |                     |   |
|---------------------------|--------------------------------------|---------------------|---|
| 2019                      | Mrs. R. D. Priyanka - National Level | Assistant Professor | NPTEL - Elite Gold - TOPPER (TOP 1) Programming in Java - 98                      |
| 2019                      | Mrs. R. D. Priyanka - National Level | Assistant Professor | NPTEL - Elite Gold - TOPPER (TOP 1) Problem Solving through Programming in C - 91 |
| 2019                      | Mr.R.Vadivel - National Level        | Assistant Professor | PALS Innawah  |
| 2019                      | Mrs.A.Dharani - National Level       | Assistant Professor | NPTEL - Elite Gold - TOPPER Introduction to IOT                                   |
| 2019                      | Mrs.W.Sherine Mary - National Level  | Assistant Professor | NPTEL - Elite Gold - TOPPER Introduction to IOT                                   |
| 2019                      | Mrs.W.Sherine Mary - National Level  | Assistant Professor | NPTEL - Elite Gold - TOPPER in Stress Management                                  |
| <a href="#">View File</a> |                                      |                     |   |

## 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 |
|---------------------------|----------------|----------------|--|---|
| BE                        | 103            | VIII/IV        | 13/04/2019   | 22/06/2019  |
| BE                        | 104            | VIII/IV        | 29/04/2019   | 22/06/2019  |
| BE                        | 105            | VIII/IV        | 29/04/2019   | 22/06/2019  |
| BE                        | 106            | VIII/IV        | 29/04/2019   | 22/06/2019  |
| BE                        | 114            | VIII/IV        | 16/04/2019   | 22/06/2019  |
| BTech                     | 205            | VIII/IV        | 29/04/2019   | 22/06/2019  |
| ME                        | 401            | II/I           | 16/05/2019   | 29/06/2019  |
| ME                        | 405            | II/I           | 17/05/2019   | 29/06/2019  |
| ME                        | 408            | II/I           | 16/05/2019   | 29/06/2019  |
| ME                        | 413            | II/I           | 17/05/2019   | 29/06/2019  |
| <a href="#">View File</a> |                |                |  |   |

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

1.Since the Institution is affiliated to Anna University, it is mandatory to follow the guidelines provided in 2013 and 2017 regulations in evaluating the students. 2.The Existing examination cell of the institution prepares the schedule for internal assessment tests in align with Anna University academic guidelines. These schedules are integrated into the Academic Calendar for holistic reference and execution with approval of Head of the Institution. 3.The question paper is prepared by the faculty in accordance with Blooms

taxonomy and approval of respective department HoD and the Principal. 4. Question paper is prepared to cater the higher order thinking abilities and as well as slow learners able to get through the internal assessment tests. 5. The evaluation is done as per the curriculum design and completed within three days of the conduct of test. 6. The evaluation pattern consists of continuous internal assessment and university examination with 20 and 80 weightage respectively. 7. The internal assessment comprises of 20 marks which is an average of three internal tests. 8. The internal tests are conducted by the Examination Cell as per university pattern with hall arrangements. 9. The answer scripts after evaluation are returned to the students, so that an opportunity is given to the students to discuss the evaluation process with the respective teacher and HoD. 10. Randomly the answer scripts are scrutinized by the respective Heads. 11. The internal tests results are analysed with Principal and Management.

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

1. The institute adheres to the Academic Calendar prepared according to the calendar provided by Anna University. Every year Academic calendar is prepared for the institute and also a department wise activity schedule for smooth and effective functioning. 2. This ensures that the curriculum is enriched through related activities like guest lecture, extension series (Value added courses, internship, industrial visit, technical symposium, and industry interaction including webinar). 3. For the academic session the prepared academic calendar is being followed effectively for conduct of internal assessment test and other activities. 4. The academic calendar is displayed on the institute website and also shares with the head of the departments so as to ensure proper execution. 5. In addition to academic activities, cocurricular (Participation of students in conferences, seminars, workshops, and technical symposium) and extra curricular activities (sports, NSS, Red Ribbon Club, Rotract, Eco club. Photography club, Youth Red Cross) are effectively implemented for improving organization skills of the students.

## 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)

<http://www.adithyatech.edu.in>

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 |
|----------------|----------------|--------------------------------------|---|---|-----------------|
| 103            | BE             | Civil Engineering                    | 47  | 32  | 68.08%          |
| 104            | BE             | Computer Science and Engineering     | 28  | 19  | 67.85%          |
| 105            | BE             | Electrical & Electronics Engineering | 19  | 15  | 78.94%          |
| 106            | BE             | Electronics                          | 42  | 31  | 73.80%          |

|                           |       |                                  |     |    |        |
|---------------------------|-------|----------------------------------|-----|----|--------|
|                           |       | & Communication Engineering      |     |    |        |
| 114                       | BE    | Mechanical Engineering           | 169 | 89 | 52.66% |
| 205                       | BTech | Information Technology           | 8   | 3  | 37.50% |
| 401                       | ME    | Applied Electronics              | 1   | 1  | 100%   |
| 405                       | ME    | Computer Science and Engineering | 2   | 2  | 100%   |
| 408                       | ME    | Engineering Design               | 1   | 1  | 100%   |
| 413                       | ME    | Structural Engineering           | 11  | 11 | 100%   |
| <a href="#">View File</a> |       |                                  |     |    |        |

## 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)

<http://lms.adithyatech.edu.in/course/manage.php?categoryid=159&sesskey=Da54Gf513n>

## 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)         | 90       | Tamilnadu State Council for Science and Technology | 0.15                   | 0.15                            |
| Industry sponsored Projects | 180      | Sueeraa Alloys Global Private Limited              | 1.5                    | 1.5                             |
| <a href="#">View File</a>   |          |  |                        |                                 |

### 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       |
|--|----------------------------------|------------|
| Digital transformation strategies for small businesses | Computer Science and Engineering | 11/07/2018 |
| Management development programme                       | Mechanical Engineering           | 23/08/2018 |

|   |   |            |
|---|---|------------|
| Patent Practices<br>Statutory Requirements<br>for Patenting | Electrical and<br>Electronics Engineering | 14/09/2018 |
|---|---|------------|

### 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  |
|---|---|--|---------------|---|
| Solar Incinerator   | Sapna Kumari ,aThenmozhi,Kiruthigasre,Yogarani,Mathivathani     | MHRD   | 14/06/2019    | PROJECT PRESENTATION AT SMART INDIA HACKATHONHARDWARE EDITION   |
| Sensor Based Ware House Monitoring and Control                          | Kamali K ,Vijayaraghavan R,Kavya S ,Ramayadevi G                | Texas Instruments Department of Science and Technology | 20/05/2019    | SemiFinalists India Innovation Challenge Design Contest (IICDC) |
| Sensor Based Ware House Monitoring and Control                          | Kamali K ,Vijayaraghavan R,Kavya S ,Ramayadevi G                | Texas Instruments Department of Science and Technology | 21/01/2019    | SemiFinalists India Innovation Challenge Design Contest (IICDC) |
| A Cost Effective System For Auto Irrigation, Soilmonitoring And Control | Ranjithkumar.G , Kavin.R , Karthikeyan , R eshma.E.R,Arivumathi | Texas Instruments Department of Science and Technology | 21/01/2019    | SemiFinalists India Innovation Challenge Design Contest (IICDC) |
| Patient Health Monitoring System  | Ranjithkumar.G , Kavin.R , Karthikeyan , Kaviarasan.R           | PALS,IIT Madras  | 27/02/2019    | InnowahProject Contest  |
| Hypaponics  | R.V.Parthasarathy,A.Navaneethraaj,S.Karan,Mohammed Nafi.K.A     | PALS,IIT Madras  | 27/02/2019    | InnowahProject Contest  |
| Urban Flood Control and Drainage block detection System                 | Mohan.S,Vignesh.A   | TNSCST   | 11/03/2019    | Product   |

[View File](#)

### 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 |
|-------------------|------|---------------------------------|----------------------|--------------------|----------------------|
| NA                | NA   | Adithya Institute of Technology | UCFER                | Embedded and IoT   | 15/12/2018           |

[View File](#)

### 3.3 – Research Publications and Awards

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

| State | National | International |
|-------|----------|---------------|
| 3     | 1        | 1             |

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

| Name of the Department                    | Number of PhD's Awarded |
|---|-------------------------|
| Mechanical Engineering                    | 4                       |
| Electronics and Communication Engineering | 3                       |

#### 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 | Mechanical Engineering                    | 12                    | 0.35                           |
| International | Computer Science and Engineering          | 5                     | 0.35                           |
| International | Electrical and Electronics Engineering    | 1                     | 1.96                           |
| International | Electronics and Communication Engineering | 1                     | 0.75                           |

[View File](#)

#### 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 |
|---|-----------------------|
| Electronics and Communication Engineering | 28                    |
| Mechanical Engineering                    | 20                    |
| Electrical and Electronics Engineering    | 13                    |
| Computer Science and Engineering          | 8                     |
| Information Technology                    | 2                     |
| Science and Humanities                    | 2                     |

[View File](#)

#### 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 |
|------------------------------|-------------------|------------------|---------------------|----------------|---|---|
| Automation Waste Segregation | Mr.T.Kirubhakaran | IJAIR            | 2019                | 0              | Adithya Institute of Technology                           | 6   |

|   |                      |   |      |   |                                 |    |
|---|----------------------|---|------|---|---------------------------------|----|
| using PLC   |                      |   |      |   |                                 |    |
| Machine Vision Technique Based Smart Fruit Sorter                           | Mr.A.Gnanaselvakumar | Iconic Research And Engineering Journals                | 2019 | 0 | Adithya Institute of Technology | 2  |
| Iot Based Air Pollution Monitoring And Control System                       | Mr.S.Muthukumar      | IEEE Xplore   | 2019 | 2 | Adithya Institute of Technology | 2  |
| Implementation Of Confidentiality For Voice Traffic                         | Mr.S.Muthukumar      | Springer  | 2019 | 1 | Adithya Institute of Technology | 11 |
| Network Based Flash Flood Alert System                                      | Mr.S.Muthukumar      | IEEE Xplore   | 2019 | 1 | Adithya Institute of Technology | 10 |
| Wsn Based Industrial Waste Water Monitoring System                          | Ms.G.Nithya          | IRE-Journal   | 2019 | 0 | Adithya Institute of Technology | 5  |
| Exhaust Heat Recovery Assisted With Button Operated Gear Shifting Mechanism | Mr.D.Ramesh Kumar    | International Journal of Scientific Research and Review | 2019 | 1 | Adithya Institute of Technology | 2  |
| <a href="#">View File</a>   |                      |   |      |   |                                 |    |

### 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 |
|------------------------|----------------|------------------|---------------------|---------|---|---|
| Sensor based Warehouse | Sherine Mary.W | IEEE Xplore      | 2018                | 1       | 2   | Yes   |



|                           |  |  |  |  |  |
|---------------------------|--|--|--|--|--|
| Monitoring system         |  |  |  |  |  |
| <a href="#">View File</a> |  |  |  |  |  |

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

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 0             | 58       | 1     | 0     |
| Presented papers            | 18            | 32       | 0     | 0     |
| Resource persons            | 0             | 0        | 0     | 2     |
| <a href="#">View File</a>   |               |          |       |       |

### 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 |
|---|--|--|--|
| Sky Walkathon'18                                    | NSS Scheme                                   | 2  | 32   |
| Sky Chantathon'18                                   | NSS Scheme                                   | 2  | 40   |
| Mass Cleaning Programme at Seenivasa Perumal temple | NSS Scheme                                   | 2  | 35   |
| <a href="#">View File</a>                           |  |  |  |

#### 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 |
|---------------------------|-------------------|-----------------|------------------------------|
| NA                        | NA                | NA              | 0                            |
| <a href="#">View File</a> |                   |                 |                              |

#### 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 |
|---------------------------|---|---|--|--|
| Health Service            | NSS Scheme                                  | Sky Walkathon'18                                    | 2  | 32   |
| Health Service            | NSS Scheme                                  | Sky Chantathon'18                                   | 2  | 40   |
| Social Service - Pilgrims | NSS Scheme                                  | Mass Cleaning Programme at Seenivasa Perumal temple | 2  | 35   |
| <a href="#">View File</a> |   |   |  |  |

### 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 |
|--------------------|-------------|---------------------------------|----------|
| Campus lecture     | 150         | Adithya Institute of Technology | 6        |
| Theory to practice | 43          | Adithya Institute of Technology | 3        |
| Workshop           | 31          | Adithya Institute of Technology | 3        |
| FDP                | 9           | Adithya Institute of Technology | 2        |
| Industrial Visit   | 10          | Adithya Institute of Technology | 4        |
| Project Submission | 8           | Adithya Institute of Technology | 2        |
| Summit             | 8           | Adithya Institute of Technology | 1        |

[View File](#)

#### 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 |
|-------------------|----------------------|---|---------------|-------------|-------------|
| Industry          | Internship           | Mahindra-Schangalaya Motors   | 03/07/2018    | 13/07/2018  | 1           |
| Industry          | Internship           | Srinivasan Associates Private Limited   | 18/06/2018    | 30/06/2018  | 3           |

[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 |
|---|--------------------|------------------------------------|---|
| Vlands Best Hub-Coimbatore Centre -Department of Mechanical Engineering | 25/10/2018         | Industry Exposure / Industry Visit | 25  |
| Vlands Best Hub-Coimbatore Centre -Department of Electrical             | 25/10/2018         | Industry Exposure / Industry Visit | 25  |

|                           |            |                                    |    |
|---------------------------|------------|------------------------------------|----|
| Electronics Engineering   |            |                                    |    |
| Maxbe Industries          | 23/11/2018 | Industry Exposure / Industry Visit | 25 |
| <a href="#">View File</a> |            |                                    |    |

## 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 |
|--|--|
| 95   | 89.11  |

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                |
| Classrooms with LCD facilities   | Existing                |
| Seminar halls with ICT facilities  | Existing                |
| Video Centre   | Existing                |
| Value of the equipment purchased during the year (rs. in lakhs)                          | Existing                |
| Classrooms with Wi-Fi OR LAN   | Existing                |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Existing                |
| No file uploaded.  |                         |

### 4.2 – Library as a Learning Resource

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

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---------------------------|--|---------|--------------------|
| LIPS i NET                | Fully                                    | 5.0     | 2008               |

4.2.2 – Library Services

| Library Service Type | Existing |         | Newly Added |        | Total |         |
|----------------------|----------|---------|-------------|--------|-------|---------|
|                      |          |         |             |        |       |         |
| Text Books           | 18717    | 6589253 | 362         | 170823 | 19079 | 6760076 |
| Reference Books      | 1305     | 517235  | 50          | 24300  | 1355  | 541535  |
| e-Books              | 12735    | 0       | 0           | 0      | 12735 | 0       |
| Journals             | 40       | 97900   | 0           | 0      | 40    | 97900   |
| e-Journals           | 1        | 13570   | 0           | 0      | 1     | 13570   |

|                           |      |       |   |   |      |       |
|---------------------------|------|-------|---|---|------|-------|
| Digital Database          | 2    | 50000 | 0 | 0 | 2    | 50000 |
| CD & Video                | 1331 | 0     | 0 | 0 | 1331 | 0     |
| Library Automation        | 1    | 35000 | 0 | 0 | 1    | 35000 |
| Weeding (hard & soft)     | 0    | 0     | 0 | 0 | 0    | 0     |
| Others(s pecify)          | 0    | 0     | 0 | 0 | 0    | 0     |
| <a href="#">View File</a> |      |       |   |   |      |       |

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 |
|---------------------|---|---------------------------------------|-----------------------------|
| Mr.RA.Arvinth       | CE 8391 Construction Materials  | LMS                                   | 04/07/2018                  |
| Mr.MS.Kaviraj       | MG6851 Principles of Management   | LMS                                   | 19/12/2018                  |
| Mr.P.Prabhakar      | CE6016 Prefabricated Structures   | LMS                                   | 19/12/2018                  |
| Mr.M.Perarasan      | CE6021 Repair and Rehabilitation of Structures                                      | LMS                                   | 19/12/2018                  |
| Ms.M.Sivaranjani    | CE 6601 Design of Reinforced Brick and Concrete Masonry                             | LMS                                   | 19/12/2018                  |
| Mr.D.Loganathan     | CE 6602 Structural Analysis II  | LMS                                   | 19/12/2018                  |
| Mr.P.Prabhakar      | CE 6603 Design of Steel Structures  | LMS                                   | 19/12/2018                  |
| Mr.M.S.Kavi Raj     | CE 6604 Railway Airport and Harbor Engineering                                      | LMS                                   | 19/12/2018                  |
| Dr.S.Shanthi        | EC8351 Electronic circuits I,CS8351Digital Principles and System Design             | LMS                                   | 04/07/2018                  |
| Mr.S.Muthukumar     | EC6703 Embedded and Real Time Systems, EC6504Microprocessor and Microcontroller, Ec | LMS                                   | 04/07/2018                  |

|                      |  |     |            |
|----------------------|--|-----|------------|
|                      | 6711 Embedded Laboratory   |     |            |
| Mrs.W.Sherine Mary   | EC6004 Satellite Communication, EC6801 Wireless Communication, EC6513 Microprocessor and Microcontroller Laboratory      | LMS | 04/07/2018 |
| Mrs.G.Nithya         | EE6302 Electromagnetic theory, EC8392 Digital Electronics, EC6311 Analog and Digital Circuits Laboratory I               | LMS | 04/07/2018 |
| Mr.P.Ravishankar     | IT 6502 Digital signal Processing, EC8352 Signals and systems, CS8382 Digital systems Laboratory                         | LMS | 04/07/2018 |
| Mrs.K.P.Jamunalaksmi | EC 6702 Optical Communication and Networks, EC 6502 Principles of Digital Signal Processing                              | LMS | 04/07/2018 |
| Mrs.V.Ganga          | EC 6701 RF and Microwave Engineering, EC 8394 Analog and Digital Communication, EC 6712 Optical and Microwave Laboratory | LMS | 04/07/2018 |
| Mr.S.Mohammed Harris | EC 6501 Digital Communication, EC 8361 Analog and Digital Circuits Laboratory  | LMS | 04/07/2018 |
| Mr.K.Jagadeesh       | EC 6014 Cognitive Radio, EC 8395 Communication Engineering, EC 6512 Communication System Laboratory                      | LMS | 04/07/2018 |
| Mrs.A.Dharani        | EC 6503 Transmission Lines and Wave Guides, CS 8351 Digital Principles and System Design, CS 8382 Digital                | LMS | 04/07/2018 |

|                       |   |     |            |
|-----------------------|---|-----|------------|
|                       | Systems Laboratory  |     |            |
| Mr.Gnana Selvakumar   | EE 6502 Microprocessors and Microcontrollers, EC 8353 Electron Devices and Circuits, EC 8311 Electronics Laboratory                                     | LMS | 04/07/2018 |
| Mr.Arunraj            | EC 6511 Digital Signal Processing Laboratory  | LMS | 04/07/2018 |
| Mr.S.Muthukumar       | CS 6303 Computer Architecture, EC 8453 Linear Integrated Circuits, EC 6611 Computer Networks Laboratory   | LMS | 19/12/2018 |
| Mrs.W.Sherine Mary    | CS 6551 Computer Networks, EC 8491 Communication Theory, EC 6611 Computer Networks Laboratory   | LMS | 19/12/2018 |
| Mrs.G.Nithya          | EC 8451 Electromagnetic Fields, EC 6801 Wireless Communication, EC 8462 Linear Integrated Circuits Laboratory, GE 8261 Engineering Practices Laboratory | LMS | 19/12/2018 |
| Mr.P.Ravishankar      | IT 6502 Digital Signal Processing, BE 8255 Basic Electrical, Electronics and Measurement Engineering, GE 8261 Engineering Practices Laboratory          | LMS | 19/12/2018 |
| Mrs.K.P.Jamunalak smi | EC 6601 VLSI Design, EC 6802 Wireless Networks, EC 6612 VLSI Design Laboratory, EC 8462 Linear Integrated Circuits Laboratory                           | LMS | 19/12/2018 |
| Mrs.V.Ganga           | EC 6602 Antenna and Wave  | LMS | 19/12/2018 |

|                          |  |     |            |
|--------------------------|--|-----|------------|
|                          | propagation, EE8251<br>Circuit Theory, EE<br>8261 Electric<br>Circuits<br>Laboratory, GE 8261<br>Engineering   |     |            |
| Mr.S.Mohammed<br>Harris  | GE 6075<br>Professional Ethics<br>in Engineering, EC<br>6001 Medical<br>Electronics, GE<br>8261 Engineering<br>Practices<br>Laboratory   | LMS | 19/12/2018 |
| Mr.K.Jagadeesh           | GE 6757 Total<br>Quality Management,<br>EC 6651<br>Communication<br>Engineering, EC<br>8261 Circuits and<br>Devices Laboratory<br>, EC 8461 Circuits<br>Design and<br>Simulation<br>Laboratory | LMS | 19/12/2018 |
| Mrs.A.Dharani            | EC 8251 Circuit<br>Analysis, BE<br>8251Basic<br>Electrical and<br>Electronics<br>Engineering, GE<br>8261 Engineering<br>Practices<br>Laboratory, EC 6612<br>VLSI Design<br>Laboratory          | LMS | 19/12/2018 |
| Mr.A.Gnana<br>selvakumar | EC 8252<br>Electronic Devices,<br>EC 8452 Electronic<br>Circuits II, EC<br>8461 Circuits<br>Design and<br>Simulation<br>Laboratory, EC 8261<br>Circuits and<br>Devices Laboratory              | LMS | 19/12/2018 |
| Mr.M.Arunraj             | MG 6851<br>Principles of<br>Management, BE 8255<br>Basic Electrical,<br>Electronics and<br>Measurement<br>Engineering, GE<br>8261 Engineering<br>Practices<br>Laboratory, EC 8461              | LMS | 19/12/2018 |

|                                  |   |     |            |
|----------------------------------|---|-----|------------|
|                                  | Circuits Design and Simulation Laboratory   |     |            |
| Mr. D.V. Ravikumar               | EE6005 Power Quality, EE6503 Power Electronics  | LMS | 04/07/2018 |
| Mr.R. Senthilkumar               | EI 6008 Microcontroller Based System Design, EE 8353 Electrical Drives Controls, EE 8361 Electrical Engineering Lab | LMS | 04/07/2018 |
| Mr. T. Kirubhakaran              | EE 6702 Protection Switchgear, EE 8301 Electrical MachinesI, EE 8311 Electrical Machines - I Laboratory             | LMS | 04/07/2018 |
| Mr. G. Vinoth                    | EE 8351 Digital Logic Circuits, EC 8393 Control System Engineering, EE 6512 Electrical Machines II Laboratory       | LMS | 04/07/2018 |
| Mr.S. Rajesh                     | EE 6701 High Voltage Engineering, EE 6501 - Power System Analysis, EE 6711 - Power System Simulation Laboratory     | LMS | 04/07/2018 |
| Ms. R. Viji                      | EE 6703 Special Electrical Machines, IC 6501 - Control System, EE 6511 Control Instrumentation Laboratory           | LMS | 04/07/2018 |
| Mrs. K. M. Shenthilvadivukkarasi | MA8452 Statistics and Numerical Methods   | LMS | 19/12/2018 |
| Ms. S. Harini                    | EE 6504 Electrical Machines II, EE 8353 Electrical Drives Controls, EE 8361 Electrical Engineering Laboratory       | LMS | 04/07/2018 |



|                        |  |     |            |
|------------------------|--|-----|------------|
| Mr. D.V.<br>Ravikumar  | EE 6009 Power Electronics for Renewable Energy Systems, EE 6601 Solid State Drives   | LMS | 19/12/2018 |
| Mr.R.<br>Senthilkumar  | EE 6602 Embedded Systems, EE 8451 Linear Integrated Circuits Applications, EE 6612 Microprocessors Microcontrollers Laboratory   | LMS | 19/12/2018 |
| Mr. T.<br>Kirubhakaran | GE 6075 Professional Ethics in Engineering, EE 8403 Measurements Instrumentation   | LMS | 19/12/2018 |
| Mr. G. Vinoth          | EE 6002 Power System Transients, IC 8451 Control Systems, EE 6611 Power Electronics and Drives Laboratory  | LMS | 19/12/2018 |
| Mr.S. Rajesh           | EE 8402 Transmission Distribution, BE 8253 - Basic Electrical, Electronics and Instrumentation Engineering, BE 8261 - Basic Electrical, Electronics and Instrumentation Engineering Laboratory | LMS | 19/12/2018 |
| Ms. R. Viji            | EE 6603 Power System Operation and Control, BE 8254 - Basic Electrical Instrumentation Engineering, EE 8461 Linear Digital Integrated Circuits Laboratory                                      | LMS | 19/12/2018 |
| Ms. S. Harini          | EE 6604 Design of Electrical Machines, EE 8401 Electrical Machines - II,EE8411   | LMS | 19/12/2018 |

|                                 |  |     |            |
|---------------------------------|--|-----|------------|
|                                 | Electrical<br>MachinesII<br>Laboratory                             |     |            |
| Mr.K.Lokesh                     | EE6801 Electric<br>Energy Generation<br>Utilization                | LMS | 19/12/2018 |
| Mr.D.Loganathan                 | CE6701 Structural<br>Dynamics and<br>Earthquake<br>Engineering     | LMS | 04/07/2018 |
| Mr.M.Perarasan                  | CE6702<br>Prestressed<br>Concrete Structures                       | LMS | 04/07/2019 |
| Ms.M.Sivaranjani                | CE6703 Water<br>Resources and<br>Irrigation<br>Engineering         | LMS | 04/07/2018 |
| Mr.P.Prabhakar                  | CE6007 Housing<br>Planning and<br>Management                       | LMS | 04/07/2018 |
| Mr.M.S.Kavi Raj                 | EN6501 Municipal<br>Solid Waste<br>Managemelt                      | LMS | 04/07/2018 |
| Dr. K. Anganan                  | ME8361<br>Manufacturing<br>TechnologyI                             | LMS | 04/07/2018 |
| Ms.B.Aquino Jancy<br>Rani       | CE6704 Estimation<br>Quantity Surveying                            | LMS | 04/07/2018 |
| Mr.P.Prabhakar                  | CE6502 Foundation<br>Engineering                                   | LMS | 04/07/2018 |
| Ms.B.Aquino Jancy<br>Rani       | CE6503<br>Environmental<br>Engineering I                           | LMS | 04/07/2018 |
| Mr.RA.Arvinth                   | CE6504 Highway<br>Engineering                                      | LMS | 04/07/2018 |
| Ms.M.Sivaranjani                | CE6505 Design of<br>Reinforced Concrete<br>Elements                | LMS | 04/07/2018 |
| Mr.D.Loganathan                 | CE6506<br>Construction<br>Techniques,<br>Equipment and<br>Practice | LMS | 04/07/2018 |
| Mrs.KM.Senthilvad<br>iveukarasi | MA 8363<br>Transforms and<br>Partial<br>Differential<br>Equations  | LMS | 04/07/2018 |
| Mr.M.Perarasan                  | CE 8301 Strength<br>of Materials I                                 | LMS | 04/07/2018 |
| Ms.B.Aquino Jancy               | CE 8302 Fluid  | LMS | 04/07/2018 |

|                             |  |     |            |
|-----------------------------|--|-----|------------|
| Rani                        | Mechanics  |     |            |
| Mr.M.S.Kavi Raj             | CE 8351 Surveying  | LMS | 04/07/2018 |
| Ms.B.Aquino Jancy<br>Rani   | CE 6605<br>Environmental<br>Engineering II                     | LMS | 19/12/2018 |
| Mr.RA.Arvinth               | CE 6001 Concrete<br>Technology                                 | LMS | 19/12/2018 |
| Mr.P.Selvam                 | MA8491 Numerical<br>Methods                                    | LMS | 19/12/2018 |
| Mr.D.Loganathan             | CE8401<br>Construction<br>Techniques and<br>Practices          | LMS | 19/12/2018 |
| Mr.M.Perarasan              | CE8402 Strength<br>of Materials II                             | LMS | 19/12/2018 |
| Ms.B.Aquino Jancy<br>Rani   | CE8403 Applied<br>Hydraulic<br>Engineering                     | LMS | 19/12/2018 |
| Ms.M.Sivaranjani            | CE8404 Concrete<br>Technology                                  | LMS | 19/12/2018 |
| Mr.RA.Arvinth               | CE8491 Soil<br>Mechanics                                       | LMS | 19/12/2018 |
| Mr.T.SELVAPRABHU<br>T       | IT6004 Software<br>Testing                                     | LMS | 04/07/2018 |
| Mrs. R.D.<br>PRIYANKA       | IT6701<br>Information<br>Management                            | LMS | 04/07/2018 |
| Mr. S.<br>SARAVANAKUMAR     | IT6702 Data<br>Warehousing and<br>Data Mining                  | LMS | 04/07/2018 |
| Mr. V.<br>GANESHKARTHIKEYAN | CS6703 Grid and<br>Cloud Computing                             | LMS | 04/07/2018 |
| Mr. R. VADIVEL              | CS6701<br>Cryptography and<br>Network Security                 | LMS | 04/07/2018 |
| Mr. P. Selvam               | MA8452 Statistics<br>and Numerical<br>Methods                  | LMS | 19/12/2018 |
| Mr. P. Mohanraj             | ME8492 Kinematics<br>of Machinery                              | LMS | 19/12/2018 |
| Dr. K. Anganan              | ME8451<br>Manufacturing<br>Technology- II                      | LMS | 19/12/2018 |
| Dr. M. Natarajan            | ME8491<br>Engineering<br>Metallurgy                            | LMS | 19/12/2018 |
| Mr. A. Prabhu               | CE8395 Strength<br>of Materials for<br>Mechanical<br>Engineers | LMS | 19/12/2018 |

|                              |   |     |            |
|------------------------------|---|-----|------------|
| Mr. S. Vijayakumar           | ME8493 Thermal Engineering                    | LMS | 19/12/2018 |
| Mr. P. Mohanraj              | ME8492 Kinematics of Machinery                | LMS | 19/12/2018 |
| Mr. G. Prabhu                | ME8491 Engineering Metallurgy                 | LMS | 19/12/2018 |
| Mr. P. L. Navaneethakrishnan | ME8493 Thermal Engineering                    | LMS | 19/12/2018 |
| Mr. M. Subramanian           | ME6601 Design of Transmission Systems         | LMS | 19/12/2018 |
| Mr. A. Karthick              | MG6851 Principles of Management               | LMS | 19/12/2018 |
| Mr. G. Prabhu                | ME6602 Automobile Engineering                 | LMS | 19/12/2018 |
| Mr. R. M. Udhayachandran     | ME6603 Finite Element Analysis                | LMS | 19/12/2018 |
| Mr. D. Rameshkumar           | ME6604 Gas Dynamics and Jet Propulsion        | LMS | 19/12/2018 |
| Mr. K. T. Shabarinathan      | ME6004 Unconventional Machining Processes     | LMS | 19/12/2018 |
| Mr. V. T. Vijayaraj          | ME6601 Design of Transmission Systems         | LMS | 19/12/2018 |
| Dr. M. Natarajan             | MG6851 Principles of Management               | LMS | 19/12/2018 |
| Mr. M. Subramanian           | ME6004 Unconventional Machining Processes     | LMS | 19/12/2018 |
| Mr. B. Charles               | MG6863 Engineering Economics                  | LMS | 19/12/2018 |
| Mr. A. Karthick              | MG6071 Entrepreneurship Development           | LMS | 19/12/2018 |
| Dr. D. Palaniswamy           | ME 6019 Non Destructive Testing and Materials | LMS | 19/12/2018 |
| Mr. S. Vijayakumar           | MG6863 Engineering Economics                  | LMS | 19/12/2018 |
| Mr. P. L. Navaneethakrishnan | MG6071 Entrepreneurship Development           | LMS | 19/12/2018 |
| Mr. K. T. Shabarinathan      | ME 6019 Non Destructive Testing and Materials | LMS | 19/12/2018 |

|                                      |  |     |            |
|--------------------------------------|--|-----|------------|
| Mrs. K. M. shenth<br>ilvativukkarasi | MA8351 Transforms<br>and Partial<br>Differential<br>Equation | LMS | 04/07/2018 |
| Dr. D.<br>Palaniswamy                | ME8351<br>Engineering<br>Thermodynamics                      | LMS | 04/07/2018 |
| Mr. S.<br>Muthusaravanan             | CE8394 Fluid<br>Mechanics Machinery                          | LMS | 04/07/2018 |
| Mr. M. Ramar                         | ME8352<br>Manufacturing<br>TechnologyI                       | LMS | 04/07/2018 |
| Mr. R.<br>Senthilkumar               | EE8353Electrical<br>Drives Control<br>systems                | LMS | 04/07/2018 |
| Mr. M. Ramar                         | ME8361Manufacturing<br>TechnologyI                           | LMS | 04/07/2018 |
| Mrs. C.<br>Bhuvanewari               | MA8351Transforms<br>and Partial<br>Differential<br>Equation  | LMS | 04/07/2018 |
| Mr. S.<br>Vijayakumar                | CE8394Fluid<br>Mechanics Machinery                           | LMS | 04/07/2018 |
| Mr. A. Prabhu                        | ME8352Manufacturing<br>TechnologyI                           | LMS | 04/07/2018 |
| Ms. S. Harini                        | EE8353 Electrical<br>Drives Control<br>systems               | LMS | 04/07/2018 |
| Mr. P. Mohanraj                      | ME6501 Computer<br>Aided Design                              | LMS | 04/07/2018 |
| Mr. D.<br>Rameshkumar                | ME6502 Heat and<br>Mass Transfer                             | LMS | 04/07/2018 |
| Mr. M.<br>Subramanian                | ME6503 Design of<br>Machine Elements                         | LMS | 04/07/2018 |
| Mr. G. Prabhu                        | ME6504 Metrology<br>and Measurements                         | LMS | 04/07/2018 |
| Mr. A. Prabhu                        | ME6505 Dynamics<br>of Machines                               | LMS | 04/07/2018 |
| Dr. N. Gokilamani                    | GE6075<br>Professional Ethics<br>in Engineering              | LMS | 04/07/2018 |
| Mr. R. M.<br>Udhayachandran          | ME6501 Computer<br>Aided Design                              | LMS | 04/07/2018 |
| Mr. V. T.<br>Vijayaraj               | ME6503 Design of<br>Machine Elements                         | LMS | 04/07/2018 |
| Mr. P. Mohanraj                      | ME6505 Dynamics<br>of Machines                               | LMS | 04/07/2018 |

|                                 |   |     |            |
|---------------------------------|---|-----|------------|
| Mr. N. Sivasankar               | GE6075<br>Professional Ethics<br>in Engineering           | LMS | 04/07/2018 |
| Mr. S.<br>Vijayakumar           | ME6701 Power<br>Plant Engineering                         | LMS | 04/07/2018 |
| Mr. R. M.<br>Udhayachandran     | ME6702<br>Mechatronics                                    | LMS | 04/07/2018 |
| Mr. K. T.<br>Shabarinathan      | ME6703 Computer<br>Integrated<br>Manufacturing<br>Systems | LMS | 04/07/2018 |
| Dr. M. Natarajan                | GE6757 Total<br>Quality Management                        | LMS | 04/07/2018 |
| Dr. K. Anganan                  | ME6008 Welding<br>Technology                              | LMS | 04/07/2018 |
| Mr. A. Karthick                 | ME6010 Robotics   | LMS | 04/07/2018 |
| Mr. V. T.<br>Vijayaraj          | ME6701 Power<br>Plant Engineering                         | LMS | 04/07/2018 |
| Mr. B. Umesh                    | ME6702<br>Mechatronics                                    | LMS | 04/07/2018 |
| Mr. S.<br>Muthusarayanan        | ME6008 Welding<br>Technology                              | LMS | 04/07/2018 |
| Mr. P. L.<br>Navaneethakrishnan | ME6701 Power<br>Plant Engineering                         | LMS | 04/07/2018 |
| Mr. M. Ramar                    | ME6703 Computer<br>Integrated<br>Manufacturing<br>Systems | LMS | 04/07/2018 |
| Mr. B. Charles                  | ME6010 Robotics   | LMS | 04/07/2018 |
| Mr. V.<br>GANESHKARTHIKEYAN     | CS6703 Grid and<br>Cloud Computing                        | LMS | 04/07/2018 |
| Mr. R. VADIVEL                  | CS6701<br>Cryptography and<br>Network Security            | LMS | 04/07/2018 |
| Mr.S.SARAVANAKUMAR              | IT6006 Data<br>Analytics                                  | LMS | 04/07/2018 |
| Ms.SHENTHILVADIVU<br>KKARASI    | CS6704 Resource<br>Management<br>Technique                | LMS | 04/07/2018 |
| Ms.S.SHANTHAKUMARI              | CS6702 Graph<br>Theory and<br>Applications                | LMS | 04/07/2018 |
| Mr. S.<br>Saravanakumar         | CS6801 Multi -<br>Core Architectures<br>and Programming   | LMS | 19/12/2018 |
| Ms. P.<br>Sathyashrilmilha      | GE6075<br>Professional Ethics                             | LMS | 19/12/2018 |
| Ms. N.R.P.<br>Nivetha           | CS6010 Social<br>Network Analysis                         | LMS | 19/12/2018 |

|                               |   |     |            |
|-------------------------------|---|-----|------------|
| Ms.N.R.P Nivetha              | CS6502 Object Oriented Analysis and Design  | LMS | 04/07/2018 |
| Ms. C.Bhuvanewari             | MA6566 Discrete Mathematics                 | LMS | 04/07/2018 |
| Ms.P.Sathyashri armilha       | CS6504 Computer Graphics                    | LMS | 04/07/2018 |
| Mrs.J.Venkatarangan           | CS6503 Theory Of Computation                | LMS | 04/07/2018 |
| Mr.V.GaneshKarthi keyan       | CS6501 Internet Programming                 | LMS | 04/07/2018 |
| Mr. J. Venkatarangan          | C# and .Net Programming                     | LMS | 19/12/2018 |
| Mr. P. Ravishankar            | IT6502 Digital Signal Processing            | LMS | 19/12/2018 |
| Mr. V. Ganesh Karthikeyan     | CS6659 Artificial Intelligence              | LMS | 19/12/2018 |
| Ms. P. Sathyashri sharmilhagn | CS6660 Compiler Design                      | LMS | 19/12/2018 |
| Dr. N.A. Vasanthi             | IT6601 Mobile Computing                     | LMS | 19/12/2018 |
| Mr. P.R. Harshani             | CS6601 Distributed Systems                  | LMS | 19/12/2018 |
| Ms.A.DHARANI                  | CS8351 Digital Principles and System Design | LMS | 04/07/2018 |
| Mr R Sagaya Vivian            | CS8381 Data Structures                      | LMS | 04/07/2018 |
| Mr.K.JAGADEESH                | EC8395 Communication Engineering            | LMS | 04/07/2018 |
| Mr.P.Selvam                   | MA8351 Discrete Mathematics                 | LMS | 04/07/2018 |
| Ms R D Priyanka               | CS8392 Object Oriented Programming          | LMS | 04/07/2018 |
| Mr. R. Vadivel                | CS8492 Database Management System           | LMS | 19/12/2018 |
| Ms. P.R. Harshani             | CS8494 Software Engineering                 | LMS | 19/12/2018 |
| Mr. J. Venkatarangan          | CS8491 Computer Architecture                | LMS | 19/12/2018 |
| Ms. R. D. Priyanka            | CS8451 Design and Analysis of Algorithms    | LMS | 19/12/2018 |
| Dr. N.A. Vasanthi             | CS8493 Operating Systems                    | LMS | 19/12/2018 |
| Ms. S.                        | MA8402                                      | LMS | 19/12/2018 |

|               |                                 |  |
|---------------|---------------------------------|--|
| Shanthakumari | Probability and Queueing Theory |  |
|---------------|---------------------------------|--|

[View File](#)

#### 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     | 325             | 16           | 325        | 5                | 16               | 4        | 26          | 50                              | 10        |
| Added        | 0               | 0            | 0          | 0                | 0                | 0        | 0           | 10                              | 20        |
| <b>Total</b> | <b>325</b>      | <b>16</b>    | <b>325</b> | <b>5</b>         | <b>16</b>        | <b>4</b> | <b>26</b>   | <b>60</b>                       | <b>30</b> |

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

60 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      |
|--|---|
| NPTEL                                      | <a href="https://lms.adithyatech.edu.in">https://lms.adithyatech.edu.in</a> |
| NDLI                                       | <a href="https://ndl.iitkgp.ac.in/">https://ndl.iitkgp.ac.in/</a>           |
| DELNET                                     | <a href="http://164.100.247.26/">http://164.100.247.26/</a>                 |
| Adithya LMS                                | <a href="https://lms.adithyatech.edu.in">https://lms.adithyatech.edu.in</a> |

#### 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 |
|--|--|--|--|
| 120                                    | 119  | 120                                    | 112  |

##### 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 institution policies for creating and enhancing the infrastructure facilities are framed primarily for facilitating teaching learning process, following the norms and the guidelines of the AICTE and Anna University. AIT has created well equipped laboratories, ventilated class rooms, auditorium, library, hostel for boys and girls, gymnasium, power backup and computing facility with internet over the years. The institution takes due care in systematically adding, renovating, updating and maintaining buildings, equipment and other infrastructure facilities with regular supervision by the appropriate authorities appointed by the Management. An exclusive housekeeping department with electrician, carpenter, plumber, gardeners takes care of the entire campus maintenance. A maintenance register is available in all departments, in which all the infrastructure related, equipment related complaints and recommendations are registered. This ensures the proper functioning and improvement of the equipment and other facilities. During Tutor Ward Meeting student's feedbacks are taken on infrastructure facilities and



suitable actions are made. Whenever a department needs a requirement or maintenance, the concerned staff member forwards a letter of request to the Principal through the Head of the departments with proper justification for the same. The request is further forwarded to the Chairmans approval with recommendations from the Principal and concerned maintenance care would be carried out. ? Periodical maintenance, repair and upkeep of UPS, AC, Reprography machine, printers, generator, water purifier and digital duplicator are done by the service providers through the AMC established with them. ? Every department maintains a stock register for the available equipment. ? Proper inspection is done and verification of stock takes place at the end of every year. ? The repair and servicing of the laboratory equipments were carried out by the service providers whenever required. ? Periodic maintenance of HT line and all electrical lines ? Regular maintenance and servicing of all vehicles and are properly insured. ? Intact servicing and repairs of RO plant through AMC with the supplier. ? Well trained technicians are involved in the maintenance of infrastructure facilities and equipment of the institution. ? Painting and needed repairs are carried out then and there.

<http://www.adithyatech.edu.in>

## 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   | Student fee waiver                      | 194                | 6431000          |
| Financial Support from Other Sources |   |                    |                  |
| a) National                          | PMSS(Tution fee)<br>PMSS,BC/MBC/DNC, FG | 1215               | 25501610         |
| b)International                      | Nil                                     | 0                  | 0                |

[View File](#)

#### 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                            |
|---|-----------------------|-----------------------------|--|
| Professionalism and strong work ethic                           | 24/10/2018            | 50                          | Dr.Nagarajan,Regi onal Manager,TIIC          |
| Positive attitude. Being calm and cheerful when things go wrong | 21/02/2019            | 48                          | Dr.N.Sundarapandi an, HoD, VIMS, Coimbat ore |
| Soft Skills Training - Team Management                          | 12/12/2018            | 520                         | MCube Language Solutions                     |
| Soft Skills Training - Motivation                               | 19/12/2018            | 520                         | MCube Language Solutions                     |
| Soft Skills Training -  | 26/12/2018            | 520                         | MCube Language Solutions                     |

|  |            |     |   |
|--|------------|-----|---|
| <b>Leadership Skills</b>   |            |     |   |
| <b>Communications Skills: Definition and Importance in the Workplace</b> | 24/08/2019 | 50  | Mrs. Jayapriya, IELTS Trainer, Coimbatore             |
| <b>The seven Cs of communication Practice</b>                            | 22/08/2019 | 100 | Mr. Lakshimikanth, Language Trainer, VIMS, Coimbatore |
| <b>Language Skills - Fundamentals of English Grammar</b>                 | 11/12/2019 | 380 | MCube Language Solutions                              |
| <b>Language Skills - Sentence Formation</b>                              | 18/02/2019 | 380 | MCube Language Solutions                              |
| <b>Language Skills - Error Spotting</b>                                  | 25/02/2019 | 380 | MCube Language Solutions                              |
| <a href="#">View File</a>  |            |     |   |

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                      | Student Welfare Scheme | 458  | 322  | 1  | 133                       |
| <a href="#">View File</a> |                        |  |  |  |                           |

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                              | 2   |

## 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 |
| 03                            | 380                             | 48                        | 02                            | 70                              | 2                         |
| <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  | B.E.                     | EEE                       | Institute                  | Master in                     |

|      |   |      |   |  |   |
|------|---|------|---|--|---|
|      |   |      |   | of Technology,<br>Carlow   | Information<br>Technology<br>Management |
| 2018 | 1 | B.E. | CSE   | SRI<br>SHAKTHI<br>INSTITUTE OF<br>ENGINEERING<br>AND<br>TECHNOLOGY         | ME-CSE                                  |
| 2018 | 1 | B.E. | CSE   | KUMARAGURU<br>COLLEGE OF<br>TECHNOLOGY                                     | MBA                                     |
| 2018 | 1 | B.E. | CIVIL<br>ENGINEERING                                | ADITHYA<br>INSTITUTE OF<br>TECHNOLOGY<br>MAN<br>INSTITUTE OF<br>TECHNOLOGY | M. E.<br>STRUCTURAL<br>ENGINEERING      |
| 2018 | 1 | B.E. | MECHANICA<br>ENGINEERING                            | ADITHYA<br>INSTITUTE OF<br>TECHNOLOGY                                      | M. E. ED                                |
| 2018 | 1 | B.E. | ELECTRONICS<br>AND COMMUNIC<br>ATION<br>ENGINEERING | KUMARAGURU<br>COLLEGE OF<br>TECHNOLOGY                                     | M. E.<br>APPLIED<br>ELECTRONICS         |
| 2018 | 1 | B.E. | ELECTRONICS<br>AND COMMUNIC<br>ATION<br>ENGINEERING | PSG<br>INSTITUTE OF<br>TECHNOLOGY  | M. E.<br>APPLIED<br>ELECTRONICS         |
| 2018 | 1 | B.E. | ELECTRONICS<br>AND COMMUNIC<br>ATION<br>ENGINEERING | GOVERNMENT<br>COLEGE OF<br>TECHNOLOGY                                      | M. E.<br>APPLIED<br>ELECTRONICS         |
| 2019 | 2 | B.E. | CIVIL<br>ENGINEERING                                | ADITHYA<br>INSTITUTE OF<br>TECHNOLOGY                                      | M. E.<br>STRUCTURAL<br>ENGINEERING      |
| 2018 | 1 | B.E. | ELECTRONICS<br>AND COMMUNIC<br>ATION<br>ENGINEERING | BHARATHIAR<br>UNIVERSITY   | MBA                                     |
| 2019 | 1 | B.E. | COMPUTER<br>SCIENCE<br>ENGINEERING                  | KUMARAGURU<br>COLLEGE OF<br>TECHNOLOGY                                     | MBA                                     |
| 2019 | 1 | B.E. | COMPUTER<br>SCIENCE<br>ENGINEERING                  | KUMARAGURU   | M. E.<br>COMPUTER<br>SCIENCE            |
| 2019 | 1 | B.E. | COMPUTER<br>SCIENCE<br>ENGINEERING                  | SRI<br>SHAKTHI<br>INSTITUTE OF   | M. E.<br>COMPUTER<br>SCIENCE            |

|                           |   |        |                        |                                    |                         |
|---------------------------|---|--------|------------------------|------------------------------------|-------------------------|
|                           |   |        |                        | ENGINEERING AND TECHNOLOGY         |                         |
| 2019                      | 1 | B.Tech | INFORMATION TECHNOLOGY | ADITHYA INSTITUTE OF TECHNOLOGY    | M.E. COMPUTER SCIENCE   |
| 2018                      | 1 | B.E.   | MECHANICAL ENGINEERING | KAMBAN COLLEGE OF ARTS AND SCIENCE | MBA                     |
| 2019                      | 1 | B.E.   | MECHANICAL ENGINEERING | ADITHYA INSTITUTE OF TECHNOLOGY    | M.E. ENGINEERING DESIGN |
| <a href="#">View File</a> |   |        |                        |                                    |                         |

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 |
|---------------------------|---|
| Any Other                 | 1                                       |
| <a href="#">View File</a> |   |

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

| Activity                  | Level               | Number of Participants |
|---------------------------|---------------------|------------------------|
| Ball Badminton            | Institutional Level | 60                     |
| Football                  | Institutional Level | 44                     |
| Basket Ball               | Institutional Level | 48                     |
| Kabadi                    | Institutional Level | 48                     |
| Volley Ball               | Institutional Level | 68                     |
| Carrrom                   | Institutional Level | 40                     |
| Chess                     | Institutional Level | 40                     |
| <a href="#">View File</a> |                     |                        |

### 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                      | Gold                    | National               | 1                           | Nil                           | 71011710<br>5015  | S.Paramesh          |
| <a href="#">View File</a> |                         |                        |                             |                               |                   |                     |

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

1. Department wise technical associations are functioning with students representatives, so that technical and organizational skills are improved. 2. Extra curricular activities like sports, NSS, Roctract club, YRC, RRC, Photographic Club, Fine arts club and Eco Club are functioning with student participation, there by their confidence level of solving problems is improved. 3. Entrepreneurship development cell is conducting programmes to improve their

entrepreneurship skills. 4. Students are encouraged by the management to establish the start ups. 5. Students are encouraged for presenting papers to improve their presentation skills.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Name of the Association The name of the Association shall be AIT Alumni Association Aims and objectives: The aims and objectives of the Association shall be: • Bring the old students of Adithya Institute of Technology, Coimbatore under one forum for exchange of experience, dissemination of knowledge and talents amongst its members and also for the furtherance of fellowship, advancement of scientific knowledge in general of the members of the Association and country. • To conduct seminars, conferences, workshops, endowment lectures and other academic activities and also to keep in touch with one another of the University faculty, non teaching staff and students. • To create and establish Alumni endowments for granting scholarships, prizes and medals to the students showing high proficiency in their studies and honour former students of the college. • To advise and interact with State and Central Government Bodies, Universities and Associations of other academic institutions on matters relating to promotion of higher education, training and management systems and there by promote the welfare and status of the University. • To collect funds by subscriptions, contributions, donations and gifts from members, nonmembers, Governments, Universities and other institutions and philanthropists for furtherance of the above objectives. • To render financial assistance to deserving meritorious poor students studying at the Institute. • To render financial assistance to deserving alumni in cases of extreme compassionate circumstances. • To bring out magazines, souvenirs and newsletters highlighting the activities of the college and its Alumni. • To organize cultural and educational programmes and also to conduct Alumni Day celebrations every year. • To help the Alumni to get advice from the College on various technical problems and job opportunities that they may come across in their work and real life. • To carry out such other activities as may be necessary for furthering the above aims and objectives.

5.4.2 – No. of enrolled Alumni:

370

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

370000

5.4.4 – Meetings/activities organized by Alumni Association :

YEARLY TWO TIMES

### 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)

Best Practices -I 1. Title of the Practice:Adithya Learning Management System (Adithya LMS) Adithya Learning Management System, (Adithya LMS) is an online web based technology implemented in our institution since 2008. It facilitates the conduct of teaching learning process in an effective way. The system was developed on the Moodle open source platform and being updated as and when changes are required in the process. 2. Goal The main objective of Adithya LMS is to provide an effective endtoend academic process and its management which

ensures moving towards a paperless environment 3. The Context The salient features of our Adithya Learning Management System are listed below: The system allows a faculty to plan, execute, evaluate and analysis all of his/her activities connected to his/her subject delivery. 3.1. Content management: Consolidated notes and overview of each unit are uploaded at the end of completion of each unit. This will help the students to quickly go through the zest of the theories, contents taught in the class. Content like Course material and details of application of the content are also uploaded in the respective sessions. Apart from this for the better understanding, relevant videos, animations and PPTs are also uploaded into each session. All the content in the Adithya LMS can be accessed for 24x7. 3.2. Assessment and Testing: Each session will have 5 multiple choice questions and students are required to attempt them. The outcome of the evaluation will reveal the understanding level of the concept taught in the class. Students can get to know the correct answer for a question if they had marked it wrong initially. The 3 levels (easy, medium, tough) of assignments to be in the all assignments with three different levels of solving are submitted online using Adithya LMS and quizzes will be instantly graded 3.3. Curriculum Planning: Adithya LMS is used for designing course plan and lecture schedule 3.4. Reports Generation: Adithya LMS provides nice reporting tool with options to customize student?s reports 3.5. Communication and Collaboration: Adithya LMS provides Students Corner as communication tool and blog as collaborative tool 3.6. College announcement: All news and circulars are visible in Home Page of Adithya LMS

Best Practices II 1. Title of the Practice: Skill Development Training (SDT) 2. Goal/Objectives of the SDT The objective of Skill Development Training (SDT) is to enable students to take up industryrelevant skill training that will help them in securing placement in reputed organizations.

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

Yes

## 6.2 – Strategy Development and Deployment

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

| Strategy Type         | Details   |
|-----------------------|---|
| Teaching and Learning | 1.At Adithya Institute of Technology, students' enrolment is carried out in a transparent manner as per norms. The admission team carries out the admission process in a systematic manner. After getting admitted into the college, students are facilitated by the college to obtain scholarships from the government. 2.Adithya Learning Management System developed on the moodle platform is available to the faculty 24X7 to plan and execute the academic related activities efficiently. 3. Institution provides individual personal computers to the faculties to execute their work quickly and efficiently. Internet facilities with a speed of 50Mbps are available both through Wired and WiFi for easy access of resources. 4. The Institute also organizes FDPs for improving the teaching learning process. |

|   |   |
|---|---|
| <p>Examination and Evaluation</p>                                 | <p>1.The evaluation process at Adithya institute of technology is adopted from the affiliating university. The institute also follows its own evaluation procedure for internal assessment which is not just based on internal assessment tests but also LMT and Assignments submitted by the student. 2. The learning outcomes are achieved by meticulously following academic calendar of events, feedback during class committee, tutor ward meeting, and a digital based system the Adithya LMS which monitors the process.</p>   |
| <p>Research and Development</p>                                   | <p>1.Department of Electronics and Communication Engineering and Department of Mechanical Engineering have been recognized as approved research Centres and the Institution is trying to establish research Centres for other engineering branches 2. Institution Collaborates with INTEL® Intelligent Systems Lab, Intel Technology Private India Limited, Cisco Networking Academy, Cisco Systems USA, and Mission 10x Technology, Learning Centre, WIPRO.</p>  |
| <p>Library, ICT and Physical Infrastructure / Instrumentation</p> | <p>1. Adithya Institute of technology's primary goal is to establish the Teaching Learning environment by providing well equipped infrastructure facilities. 2.Knowledge is imparted in such way to meet global standards up to date in all technological aspects through our Industry collaborated laboratories, innovation centres, additional laboratory equipments beyond the syllabus which enables Industry Integrated Institute. 3.The ICT enabled class room facilitates the faculty members and students to experience an effective and interactive teachinglearning atmosphere. 4.OPAC enabled library with good volume of books, publications, ebooks / e journals and access to digital contents like NPTEL videos, lectures, through DELNET, 6.Well organized digital library for facilitating students and faculty members to access digital resources. 7.The ICT facilities are provided with six dedicated servers and through nine computing laboratories with all the computers connected with 50 Mbps dedicated internet, licensed software and so on.</p> |



|                                      |  |
|--------------------------------------|--|
| Human Resource Management            | 1.Dynamic Leadership team comprising of Chairman, CEO, Principal and HoDSs with rich experience in their respective fields. 2.A well defined organization structure with responsibilities makes the functions smoother and faster.   |
| Industry Interaction / Collaboration | We frequently interact with the representatives of the associated industries and technical experts. This promotes signing of many memorandum of understanding (MoU) with industries.   |
| Admission of Students                | 1.The admission brochure is also updated and available as soft copy in the website and hard copy for circulation. This brochure gives details about major facilities, courses run, placement details, value added courses offered etc. 2.The scholarships offered by the Government and Private organizations are informed to the students during the admission period and also at the commencement of the academic year through Adithya LMS.. 3.Affidavits, as per the direction from the Government and Antiragging Act, undertaking are collected from each and every students and their parents at the time of admission. 4.The admission team carries out the admission process in a systematic manner. |
| Curriculum Development               | 1.Effective delivery of curriculum is achieved by adopting various methods such as black boards, Power point Presentations and videos (NPTEL). 2.Regularly updated SDT curriculum with industry and alumni inputs to improve employability of students. 3.Industrial visit has been arranged according to their curriculum and evaluate their knowledge grasped.   |

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

| E-governance area        | Details   |
|--------------------------|---|
| Planning and Development | The teaching learning process at Adithya Institute of technology is dependent on the Adithya LMS which can be accessed by all stake holders 24X7.     |
| Administration           | The website displays notices before admission, and reports of recent events written by staff and students.  |
| Finance and Accounts     | The finance and purchase committee constitute to collect the budget from the department, office administration, Library, Training and placement cell, |



|                               |  |
|-------------------------------|--|
|                               | sports and other general maintenance. Every grant to the college is discussed in this committee Budgets for each department at the beginning of the academic year also form part of the discussions. The Librarian prepares and plans for the book budget with individual departments. The e governance of office administration purpose TDS and TALLY ERP used. |
| Student Admission and Support | College website and Social Media   |
| Examination                   | As per the Anna University guidelines to enter the students attendance and internal mark through Anna University Web portal  |

### 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 | Mr.A.Gnanaselvakumar | National Conference on Communication, Computation, Control Automation-2019 | Nil  | 1500              |
| 2018 | Mr.G.Vinoth          | International conference on Intelligent control for Industrial Drives      | NA   | 1000              |

[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) |
|------|--|---|------------|------------|---|---|
| 2019 | FDP on Non destructive testing methods                                       | NA  | 08/06/2019 | 12/06/2019 | 7                                       | Nil   |
| 2019 | FDP on Biological wastewater treatment                                       | NA  | 01/07/2019 | 07/07/2019 | 7                                       | Nil   |

|      |   |    |            |            |    |     |
|------|---|----|------------|------------|----|-----|
|      | techniques                                |    |            |            |    |     |
| 2019 | FDP on EC8391-Control systems Engineering | NA | 05/06/2019 | 11/06/2019 | 14 | Nil |

[View File](#)

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

| Title of the professional development programme  | Number of teachers who attended | From Date  | To date    | Duration |
|--|---------------------------------|------------|------------|----------|
| FDP on EC8391-Control systems Engineering  | 14                              | 05/06/2019 | 11/06/2019 | 7        |
| FDP on "Emerging Power Conversion Techniques for Renewable Energy and Electric Vehicle Applications" | 13                              | 08/04/2019 | 12/04/2019 | 5        |
| Thermal Measurements and Process Control   | 1                               | 27/05/2019 | 30/05/2019 | 4        |

[View File](#)

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

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| 156       | 156       | 12           | 12        |

6.3.5 – Welfare schemes for

| Teaching                             | Non-teaching                         | Students   |
|--------------------------------------|--------------------------------------|--|
| Faculty Club, Women Empowerment Cell | Faculty Club, Women Empowerment Cell | Department Association, Club Activities, Industrial Visit. NSS, YRC IIPC CELL, Entrepreneurship Development Cell, Incubation Centres |

### 6.4 – Financial Management and Resource Mobilization

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

Yes

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

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

6.4.3 – Total corpus fund generated

5000000

### 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      | Local Fund Audit. AET | Yes      | AIT       |
| Administrative | Yes      | Local Fund Audit. AET | Yes      | AIT       |

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

1. Parents are cordially invited for Orientation Programme of their wards on their first Day of College every year. 2. We conduct regular meetings and telephonic contact with the parents on monthly basis after attendance. Feedback from parents is given due consideration. 3. We sent the students academic performance details to the concern parents through letter and SMS

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

The development programme for support staff are conducted regularly and the events are given below 1. Hands on Training of Equipment maintenance 2. Hands on Training of MS word usage 3. Awareness of EGovernance

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

1. Research Cell established to foster academic research among staff and students 2. Introduction of skill/capability enhancement certificate courses 3. Enhanced use of ICT by faculty in the teachinglearning process 4. Initiatives for a green campus solar electricity barrier free campusramps, toilet for persons with disability

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       | Yes |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC                             | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|--|-------------------------|---------------|-------------|------------------------|
| 2018 | One day seminar on Quality Enhancement through self evaluation | 16/06/2018              | 16/06/2018    | 16/06/2018  | 52                     |

|                           |  |            |            |            |    |
|---------------------------|--|------------|------------|------------|----|
| 2019                      | One day hands on training on Stress Management | 18/05/2019 | 18/05/2019 | 18/05/2019 | 54 |
| <a href="#">View File</a> |  |            |            |            |    |

## 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 |
| Women's Day Celebration with the theme "Balance for Better" | 08/03/2019  | 08/03/2019 | 300                    | 0    |

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   |
|---|
| <p>1. 11KW energy in terms of on grid solar and 0.5 KW and 10KW off grid solar system available on the top roof of West Block. It mainly focus on the solar photo voltaic system. The solar power system generates around 50 units of power per day. The total power so far generated is 52,000 units of power which was used for the campus. 2. A Rain Water Harvesting Plant is available for the rain water conservation 3. A tree sapling activity was carried out periodically for enrichment of the green environment inside the campus. 4. An ECO Club is functioning effectively in order to keep clean and green environment the campus.</p> |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities  | Yes/No | Number of beneficiaries |
|--|--------|-------------------------|
| Physical facilities                                      | Yes    | 0                       |
| Provision for lift                                       | No     | 0                       |
| Ramp/Rails   | Yes    | 1                       |
| Braille Software/facilities                              | Yes    | 0                       |
| Rest Rooms   | Yes    | 0                       |
| Scribes for examination                                  | Yes    | 1                       |
| Special skill development for differently abled students | Yes    | 0                       |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational | Number of initiatives taken to engage with | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|------|---|--|------|----------|--------------------|------------------|--|
|------|---|--|------|----------|--------------------|------------------|--|

|                           |                              |                                   |            |   |   |                                  |     |
|---------------------------|------------------------------|-----------------------------------|------------|---|---|----------------------------------|-----|
|                           | advantages and disadvantages | and contribute to local community |            |   |   |                                  |     |
| 2018                      | 1                            | 1                                 | 23/08/2018 | 1 | Plant a tree  | Deforestation                    | 40  |
| 2018                      | 1                            | 1                                 | 12/11/2018 | 1 | Friends of Police   | Social issues                    | 55  |
| Nil                       | 1                            | 1                                 | 08/07/2018 | 1 | Sky Walkathon'18  | Health Service                   | 110 |
| Nil                       | 1                            | 1                                 | 26/12/2018 | 1 | Mass Cleaning Programme at Seenivasa Perumal temple           | Social Service - Pilgrims        | 48  |
| Nil                       | 1                            | 1                                 | 12/02/2019 | 1 | Seed ball Distribution Event, near by villages of AIT College | NSS - Social Service             | 40  |
| Nil                       | 1                            | 1                                 | 16/09/2018 | 1 | OZONE Day Celebration   | Environmental ECO Friendly Issue | 44  |
| <a href="#">View File</a> |                              |                                   |            |   |   |                                  |     |

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

| Title                                | Date of publication | Follow up(max 100 words)   |
|--------------------------------------|---------------------|--|
| Human Values and Professional Ethics | 28/08/2018          | A CD is provided to each student at the time of admission containing:<br>i. EBrochure ii. Learning Resources iii. Rules and Regulations iv. Code of Ethics for Engineers v. Syllabus with Course Details |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity  | Duration From | Duration To | Number of participants |
|---|---------------|-------------|------------------------|
| AIT inaugurated FOP(Friends Of Police) Student Corps in the campus and the special address given by Dr.Prateep V Philip, IPS, | 11/12/2018    | 11/12/2018  | 205                    |

|   |            |            |     |
|---|------------|------------|-----|
| Additional Director<br>General of Police,<br>Founder Friends of<br>Police   |            |            |     |
| AIT NSS units has<br>underwent the<br>cleaning of<br>Peelamedu railway<br>station opposite<br>garden area were<br>cleaned   | 10/02/2019 | 10/02/2019 | 50  |
| AIT NSS units has<br>been engaged in<br>planting different<br>tree saplings were<br>planted in the<br>Peelamedu Railway<br>station near by<br>plotted area  | 03/03/2019 | 03/03/2019 | 52  |
| AIT NSS Units<br>student volunteers<br>have been worked<br>for installation of<br>drip irrigation<br>system in the<br>peelamedu railway<br>station opposite<br>garden area  | 24/03/2019 | 24/03/2019 | 48  |
| AIT NSS Units<br>Special Camp<br>Conducted at<br>Kallipalayam<br>village and<br>Petahnayaganpalayam<br>village and NSS<br>Student volunteers<br>have done many<br>people welfare<br>activities such as<br>Digital Literacy, Af<br>forestation,<br>Importance of<br>Education to<br>village people | 25/03/2019 | 30/03/2019 | 125 |
| AITNSS Units have<br>participated in sky<br>walkathon organized<br>by siddhapudur<br>Manavalakalai<br>Mandra Thavamaiyam<br>at Nehru statium,<br>Coimbatore to<br>create an awareness<br>on physical and<br>mental fitness  | 08/07/2018 | 08/07/2018 | 54  |

|   |            |            |     |
|---|------------|------------|-----|
| A Road Safety Awareness Programme was organized by AITNSS Units in association with Road Transport Corporation, Coimbatore  | 20/08/2018 | 20/08/2018 | 80  |
| A Pillion Rider Wearing Helmet Rally was organized and conducted by AITNSS unit(s) on 27.8.18 at AIT. Both faculty and students of more than 200 volunteers have taken part in this rally | 27/08/2018 | 27/08/2018 | 200 |
| Rotaract club and ECO Club of AIT has organized an event ECO friendly Lord Ganesh Idols making activity   | 06/09/2018 | 07/09/2018 | 100 |
| AIT Organized a seminar on Career Oppurtunities in Indian Defence for the final year students   | 07/09/2018 | 07/09/2018 | 228 |
| AIT Rotaract club organized a one day Outdoor Leadership Skill Development Programme in association with Rotary club of Coimbatore  | 15/09/2018 | 15/09/2018 | 78  |
| AIT NSS Units has organized a one day Free Eye Checkup Camp in association with The Eye Foundation Hospital, Coimbtore  | 26/10/2018 | 26/10/2018 | 146 |
| <a href="#">View File</a>   |            |            |     |

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

1. Innovative Energy Saving Methods: i. Incandescent lamps have been replaced with CFL and LED lamps thus saving hundreds of kilo watts of electrical energy. Even LCD monitors of computer systems have been replaced with LED and TFT Monitors. ii. Air Conditioners with ratings of 3star and above are used which saves a lot of electricity. iii. Simple low cost white washing of roof tops reduces the inside temperature by around 6 degree C. 2. Use of Renewable

Energy: i. The CCTV cameras and street lights installed to cover external areas in campus uses solar energy ii. 11KW energy in terms of on grid solar and 0.5 KW and 10KW off grid solar system available on the top roof of West Block. It mainly focus on the solar photo voltaic system. 3. Carbon neutrality and Plantation: i. AITNSS Units organizes regular plantation drives and save the trees drives periodically. Grown up trees which are likely to eaten away by termites are saved by antitermite treatment and painting the lower portion of the trunk with calcium carbonate. ii. About half acre of land has been earmarked for grassy patches including a nursery. iii. In collaboration with the department of forest, Tamil Nadu, Students were involved in plantation of tree saplings and creating an urban forest for maintaining the campus Ecofriendlyness. 4. Waste Management: i. Hazardous materials like chemicals, paints, inflammable gases are segregated and kept separately. These are disposed off under supervision of estate manager through vendors who were specialize in the disposal. ii. E-Wastes are segregated and disposed off in proper manner with safety aspects without creating any harm to Ecosystem 5. Water Conservation: i. A Rain Water Harvesting Plant is available for the rain water conservation

## 7.2 – Best Practices

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

Best Practices I 1. Title of the Practice: Adithya Learning Management System (Adithya LMS) Adithya Learning Management System, (Adithya LMS) is an online web based technology implemented in our institution since 2008. It facilitates the conduct of teaching learning process in an effective way. The system was developed on the Moodle open source platform and being updated as and when changes are required in the process. 2. Goal The main objective of Adithya LMS is to provide an effective end-to-end academic process and its management which ensures moving towards a paperless environment 3. The Context The salient features of our Adithya Learning Management System are listed below: The system allows a faculty to plan, execute, evaluate and analysis all of his/her activities connected to his/her subject delivery. 4. Curriculum Planning: Adithya LMS is used for designing course plan and lecture schedule 5. Reports Generation: Adithya LMS provides nice reporting tool with options to customize student's reports 6. Communication and Collaboration: Adithya LMS provides Students Corner as communication tool and blog as collaborative tool 7. College announcement: All news and circulars are visible in Home Page of Adithya LMS Best Practices II 1. Title of the Practice: Skill Development Training (SDT) 2. Goal/Objectives of the SDT The objective of Skill Development Training (SDT) is to enable students to take up industry-relevant skill training that will help them in securing placement in reputed organizations.

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

<http://www.adithyatech.com>

## 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 unique and distinctive quality of our institute is to create Engineers with required skills and values for their career and life. Skill development is powerful tool to empower the students and improve their social acceptance. It is the process of identifying the skills gaps, and developing, honing their skills. It is important because the skills students have determine the ability to execute our plans with success. The improvement of both hard skills soft skills develop the quality of student's performance rate in career performance



ratio. Hard skills relating to any specific task and usually easily quantifiable. Soft skills relating to personality and tend to be transferable such as communication, leadership, time management stress management, decision making, adaptability, ability to deal with adversity too. Skill development always leads to competitive advantage .To be the best, students need to have something that nobody else has. All students in our institution have to undergo minimum of 2 skill development training program in each semester. We equip our students to know both technical skills development too. We are happy to hear the testimony of our recruiters, who are happy to see our students performance .Employers needs to make sure that their employee are skilled and well equipped to deal with these rapid changes.. To transform students through a systematic teachinglearning process, providing skill development training, practical exposure and imparting values of life during their period of study. unique and distinctive quality of our institute is to create Engineers with required skills and values for their career and life. Skill development is powerful tool to empower the students and improve their social acceptance .It is the process of identifying the skills gaps, and developing, honing their skills. It is important because the skills students have determine the ability to execute our plans with success. The improvement of both hard skills soft skills develop the quality of student's performance rate in career performance ratio. Hard skills relating to any specific task and usually easily quantifiable. Soft skills relating to personality and tend to be transferable such as communication, leadership, time management stress management, decision making, adaptability, ability to deal with adversity too. Skill development always leads to competitive advantage .To be the best, students need to have something that nobody else has. All students in our institution have to undergo minimum of 2 skill development training program in each semester. We equip our students to know both technical skills development too. We are happy to hear the testimony of our recruiters, who are happy to see our students performance .Employers needs to make sure that their employee are skilled and well equipped to deal with these rapid changes.

Provide the weblink of the institution

<http://www.adityatech.edu.in>

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

1. Enhancing academic and centre of excellences 2. Development of students skills by inculcating in core values among them further by imparting value based education. 3. Enhancing social compatibility of the students by giving better opportunity of social interaction through activities of NSS, Eco club and Rotract Club. 4. Enhancement of infrastructural facilities 5. To apply for permanent affiliation of UG courses Mechanical Engineering, Electronics and Communication Engineering and Information Technology 6. To undergo NAAC reassessment process for obtaining A Grade. 7. To attain NBA accreditation for three UG programmes such as B.E. Mechanical Engineering, Electronics and Communication Engineering and Computer Science and Engineering. 7. Enhancing the SDT (Skill Development Training) with respect to the current scenario. 8. More number of alumni working in various organization and alumni entrepreneur are to be invited for motivational speech to the students. 9. To encourage the faculty and students for applying IPR.