# Yearly Status Report - 2019-2020

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1. Name of the Institution** | **UNITED INSTITUTE OF TECHNOLOGY** |
| Name of the head of the Institution | **Dr. K. S. AMIRTHAGADESWARAN** |
| Designation | **Principal** |
| Does the Institution function from own campus | **Yes** |
| Phone no/Alternate Phone no. | **0422-2692020** |
| Mobile no. | **9688655599** |
| Registered Email | **principal@uit.ac.in** |
| Alternate Email | **info@uit.ac.in** |
| Address | **Gudular, Koundampalayam, Periyanaikanpalayam, Coimbatore** |
| City/Town | **Coimbatore** |
| State/UT | **Tamil Nadu** |
| Pincode | **641020** |

## 2. Institutional Status

| | |
|---|---|
| Affiliated / Constituent | **Affiliated** |
| Type of Institution | **Co-education** |
| Location | **Rural** |
| Financial Status | **Self financed** |
| Name of the IQAC co-ordinator/Director | **Mr. C. Saravana Murthi AP/Mechanical Engineering** |
| Phone no/Alternate Phone no. | **04222692020** |
| Mobile no. | **9994994405** |
| Registered Email | **saravanamurthi.mech@uit.ac.in** |
| Alternate Email | **info@uit.ac.in** |

## 3. Website Address

| | |
|---|---|
| Web-link of the AQAR: (Previous Academic Year) | http://uit.ac.in/assets/naac/iqac/AQAR%2018-19/AQAR%202018-2019.pdf |

## 4. Whether Academic Calendar prepared during the year

**Yes**

| | |
|---|---|
| if yes,whether it is uploaded in the institutional website: Weblink : | http://uit.ac.in/assets/naac/iqac/AQAR%2019-20/Academic%20Calendar%202019%20-%2020.pdf |

## 5. Accrediation Details

| Cycle | Grade | CGPA | Year of Accrediation | Validity | |
|---|---|---|---|---|---|
| | | | | Period From | Period To |
| **1** | **B+** | **2.58** | **2016** | **16-Sep-2016** | **15-Sep-2021** |

## 6. Date of Establishment of IQAC

**11-Jun-2015**

## 7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture | | |
|---|---|---|
| Item /Title of the quality initiative by | Date & Duration | Number of participants/ beneficiaries |

| IQAC | | |
|---|---|---|
| NAAC - Requirments and Process | 13-Aug-2020 2 | 40 |
| View File | | |

## 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 |
|---|---|---|---|---|
| UIT Educational Trust | DDUGKY Sagarmala | Tamilnadu Coporation for Development of Women Ltd., | 2019 365 | 636259 |
| View File | | | | |

| 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)

1. Instrumental to Sign MoU with Companies 2. Tuning funds from Management of Faculty/Students Projects 3. Supports Technological and Administrative training 4. Supports and Motivated faculty members to participate Organize Seminars/Workshops 5. Academic Audit is Conducted.

View File

## 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 |
|---|---|

| | |
|---|---|
| Collecting feedback from all the stockholders, analyzes it, take appropriate action and disseminate the report in our college website. | The induction program for first year students have conducted on 05.08.2019 |
| The committee decided to allot Mr.P.Sathishkumar, AP/MECH to collect feedback forms from various stakeholders for the current completed academic year. | The feedback has collected from various stake holders and it is filed as per the format. |
| The Management representative asked the members to promote faculty members to equip themselves by attending workshops and conferences in which financial assistance will be barred by the Institution. | The faculty members from various departments have been attended and get financial benefit as well. |
| 2. IQAC insisted to take online student satisfaction survey regard to teaching learning process by the class advisors | The class advisors have collected the online survey and consolidated the same as per the prescribed format. |
| No Files Uploaded !!! ||

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

| Name of Statutory Body | Meeting Date |
|---|---|
| Board of Management | 18-Nov-2020 |

| **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 | 2020 |
|---|---|

| Date of Submission | 11-Feb-2020 |
|---|---|

| **17. Does the Institution have Management Information System ?** | **Yes** |
|---|---|

| If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words) | The Institution uses an Information management system by name ROVAN ERP and LMS (Learning Management System).This software is used to make education administration efficient and stress free. It offers quality software solution to administration as well as academics. ROVAN IMS (Informatics Management System) is a Multi user system that can be used as an intranet and internet application. This software |
|---|---|

helps to manage the resources and serve the students better. The Principal / Faculty can view complete information about a student in a single screen. It will show the personal details, fees particulars, attendance details, mark details, library activities, hostel activities and transport details. This empowers the Principal / Faculty to face the parents with accurate data and have a worthy discussion about the future of the student. The same data can be shared with the students / parents through Student Login Module. This ensures a smooth flow of information. Rovan reduce lot of manual work and improve the efficiency. It has been built using web technologies. It has several modules such that student module the function includes student profile entry, admission register, and Register no. Allocation, section allotment, promotion, student address list, department wise students list, community wise students list, category wise students list, residential type wise list, city wise students list, first graduate students list, bank loan students list, annual income wise students list, medium wise students list, blood group wise students list and also record the student achievements in sports and other arts. Graduation Module includes Course Completion, Degree Eligible Students List, and Provisional Certificate Students list, Convocation Students List Consolidated Grade Sheet, Tabulated Mark Register and Rank List. The administration module includes Login Information, Changing Password, Users Management, Roles of Management, Backup and Settings.

## 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

An academic calendar is proposed every year which incorporates the notices and circulars received from affiliating university. This academic calendar is uploaded in the college website. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular and co-curricular activities. Institution practices outcome based education (OBE) while planning and delivering the content. The

faculty members prepare the lecture plan based on the academic calendar with the help of ICT tools and innovative teaching pedagogues. Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation. Based on the departmental routine, departments conduct meetings for allotment of classes and workload distribution among the teachers. Students are given details of teaching assignment of each teacher at the beginning of the session by the department. Based on the teaching assignments allotted teachers prepare their "lecture plans" strictly in accordance with the number of credit points mentioned in the prescribed syllabus of each course offered by the departments and according to the number of lecture hours allotted in the university syllabus for each unit. Various Innovative Teaching & Learning methodologies are adopted by the faculty members to create the best learning environment for students. Teaching and Learning process include traditional and technology enabled methods. Video lecturing is provided by faculty members to explain the real world problem with industrial illustrations, design issues etc .Faculty members use e-content along with the traditional black board, and use power-point projections during the lectures. Lectures of teachers are also uploaded to the MOODLE site for students, an e-learning platform. Class tests/surprise tests are given once in a while and student seminars on certain topics of the syllabus and periodic reviews of performance of students are also undertaken. Class committee meetings are conducted to collect feedback on teaching and other curricular aspects to modify the delivery. Tutorial classes are held in departments within class routine hours to address the problems of slow learners. Evening classes from the time period of 5.30 to 6.30 are conducted for the students who scored less than 70 % of marks in the internal assessment. Entrusting the teaching faculty with the task of mentoring 15-20 students on academic and personal issues. Computer Lab with internet/Wi-Fi facility is kept open during the evening classes for the students to enhance their studying capabilities. The Central Library is also kept open till 6.30 in the evening for the students to develop their skill for reading and communication, and faculties to enhance their research, learning, and information acquisition. Interactive sessions with students and parent/guardians are held to identify problem areas and corrective action/measures are taken accordingly. Periodic Internal academic audit is conducted by the IQAC to verify the correctness of the document and the system. Social networking is also used by departments for interaction between faculty and students beyond the class hours.

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 |
|---|---|---|---|---|---|
| DATA SCIENCE AND BIG DATA ANALYTICS | NIL | 04/08/2019 | 5 | EMPLOYABILITY | SKILL DEVELOPMENT |
| REVIT ARCHITECTURE | NIL | 04/08/2019 | 5 | EMPLOYABILITY | SKILL DEVELOPMENT |
| CAD DRAFTING | NIL | 06/10/2019 | 5 | EMPLOYABILITY | SKILL DEVELOPMENT |
| APPLICATION OF MATLAB | NIL | 06/10/2019 | 5 | EMPLOYABILITY | SKILL DEVELOPMENT |

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course | Programme Specialization | Dates of Introduction |
|---|---|---|
| Nill | nil | Nill |
| [View File](#) | | |

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 |
|---|---|---|
| BE | Civil Engineering | 02/07/2019 |
| BE | Computer Science and Engineering | 02/07/2019 |
| BE | Electrical and Electronics Engineering | 02/07/2019 |
| BE | Electronics and Communication Engineering | 02/07/2019 |
| BE | Mechanical Engineering | 02/07/2019 |
| ME | Computer Science and Engineering | 12/09/2019 |
| ME | Structural Engineering | 12/09/2019 |

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

| | Certificate | Diploma Course |
|---|---|---|
| Number of Students | 605 | 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 |
|---|---|---|
| Talk on Sensory Prosperity | 18/07/2019 | 476 |
| Yogathan - 2K19 | 21/06/2019 | 330 |
| [View File](#) | | |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---|---|---|
| BE | Civil Engineering | 44 |
| BE | Computer Science and Engineering | 101 |
| BE | Electrical and Electronics Engineering | 32 |
| BE | Electronics and Communication Engineering | 80 |
| BE | Mechanical Engineering | 103 |
| ME | COMPUTER SCIENCE AND ENGINEERING | 2 |
| ME | STRUCTURAL ENGINEERING | 8 |
| [View File](#) | | |

| 1.4 – Feedback System | |
| --- | --- |

**1.4.1 – Whether structured feedback received from all the stakeholders.**

| Students | Yes |
| --- | --- |
| Teachers | Yes |
| Employers | Yes |
| Alumni | Yes |
| Parents | No |

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

Feedback Obtained

Feedback provides a sense of engagement and allows learners to provide feedback on their learning. Effective feedback reveals learners about their performance, and let them know corrective action to improve their performance. It is a feedback from various stakeholders. Feedback on the teaching-learning process is received from students based on a structured questionnaire framed and approved by the IQAC of the college. One important element is that feedback provides a foundation for positive student and teacher relationships. By providing appropriate feedback, the students understand the teacher is genuinely concerned about them and their education. This component also enhances a student's self-efficacy and provides an avenue for motivation. The questionnaires are provided by the departments and the students can fill in feedback forms and are collected back by the respective faculty members of the department. The questions may range from smaller scale concerns about study strategies to larger scale concerns about concept comprehension and career goals, these questions are all great questions to ask because they allow the institution to refine and adapt its teaching methods to meet the needs and interests of students. The received feedback is then analyzed by the concerned departments and it is also forwarded to the Head of the institution with necessary suggestions based on this feedback. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and other affairs related to the college. Members of anti ragging committee also receive feedback from students through class campaigns. Grievances (if any) and necessary suggestions can be registered to the Grievance redressal cell committee of the college, the cell composition is altered every year at the beginning of academic year. The Alumni feedbacks are also collected by the departments on the graduation day with a set of questionnaire prepared by the IQAC. Alumni feedback offer important perspectives for evaluating academic programs and student services. Alumni feedback occupies a prominent position in the strategic development policies. It also helps to improve the accountability of the system . This feed back is an indicator of the Institutions projection to the outside world. Bus facility is arranged for day scholar students for attending evening classes. Based on the feedback from various stakeholders corrective actions are planned to bridge the gap between the actual performance and the target. Review of students performance is done after remedial actions and further planning is carried out if required. Feedback from stack holders on curriculam and syllabus is carried out, analyzed and appropriate action is taken and the same is updated in College website.

# 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 | 30 | 16 | 1 |
| BE | Computer Science and Engineering | 90 | 82 | 31 |
| BE | Electrical and Electronics Engineering | 30 | 10 | 3 |
| BE | Electronics and Communication Engineering | 60 | 20 | 9 |
| BE | Mechanical Engineering | 60 | 28 | 10 |
| ME | Computer Science and Engineering | 21 | 6 | 5 |
| ME | Structural Engineering | 16 | 12 | 8 |
| [View File](#) | | | | |

## 2.2 – Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|---|---|---|---|---|---|
| 2019 | 719 | 22 | 72 | 6 | 78 |

## 2.3 – Teaching - Learning Process

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

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Numberof smart classrooms | E-resources and techniques used |
|---|---|---|---|---|---|
| 78 | 78 | 5 | 14 | 0 | 5 |
| [View File of ICT Tools and resources](#) | | | | | |
| [View File of E-resources and techniques used](#) | | | | | |

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

Mentoring of students is conducted by the departments of the institution. It is based on the following objectives: • To sensitize students about their a the teacher-student contact hours • To identify and address the problems faced by slow learners • To encourage advanced learners • To decrease the student drop-out rates • To prepare students for the competitive world • To render equitable service to students • To enlighten the students about the industry expectations, and also throw light on various job opportunities. Also, to expose the students to various competitive examinations conducted and the eligibility criterion to appear in the examinations. Every

year, departments individually organize sessions on the class commencement day for students of every semester and explain the mentoring system followed by department and department faculty. The students are given a clear understanding of the departments functionality and intentions. In the mentoring process, all necessary information related to the student such as the contact number, email-id of the student, family income, details of the family etc are initially collected by the department through the student green card. The students are divided into groups of 10 -15 depending on the number of students. Each group is assigned a Faculty mentor who would perform mentoring duties. The mentoring duty also involves to understand their problems and to counsel them accordingly. It is the practice of Mentors to meet students individually or in groups. Mentors encourage the students to publish papers in conference/ journals. Mentors help the language barrier students to develop their communication. Mentors discuss with parents during parent-teacher meetings and try to sort out the problems faced by students and related issues. In isolated cases parents are called for counseling /special meetings with the Principal by the suggestion of the Mentor. If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher. If the student is in need of study material, the mentors make it available either from online sources or from the department library. The slow learners are keenly monitored by the mentors and their progress is recorded. Departments maintain the records of class tests/surprise tests, attendance records, records of student seminars etc., related to the reviewing of the performance of the students. Faculties of the departments maintain interaction with students through individual meetings, social networking and Learning Management System. The student is always made to feel that he/she is been monitored and mentored for their personal growth. The institutional practice of Mentoring System has considerably enhanced the campus environment and brought about: • Enhanced contact hours between Mentors with their respective students • Improvement in students' attendance • Minimized student drop-out rates (apparently due to Mentors' intervention before a student falls short of attendance or has been regularly abstaining from classes) • Identification of slow learners for conducting Remedial Classes • Advanced learners identified, motivated and honored by giving awards and cash prizes. • Students have shown considerable interest in studying and

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
| --- | --- | --- |
| 741 | 78 | 1:10 |

## 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 |
| --- | --- | --- | --- | --- |
| 78 | 78 | 0 | 4 | 10 |

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

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
| --- | --- | --- | --- |
| 2019 | Saravanamoorthi C | Assistant Professor | Career Guide |
| 2020 | S.R.Kasthuriraj | Assistant Professor | Career Guide |
| View File | | | |

## 2.5 – Evaluation Process and Reforms

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

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

| BE | 103,104,105,106,114 | VIII/IV | 27/03/2020 | 17/10/2020 |
|---|---|---|---|---|
| ME | 405,413 | I/I | 21/12/2019 | 20/01/2020 |
| ME | 405,413 | III/II | 19/10/2019 | 20/01/2020 |
| BE | 103,104,105,106,114 | III,V,VII/II,III,IV | 19/10/2019 | 20/01/2020 |
| BE | 103,104,105,106,114 | II/I | 24/04/2020 | 15/08/2020 |
| BE | 103,104,105,106,114 | IV,VI/II,III | 27/03/2020 | 15/08/2020 |
| BE | 103,104,105,106,114 | I/I | 20/11/2019 | 20/01/2020 |
| ME | 405,413 | II/I | 29/04/2020 | 15/08/2020 |
| ME | 405,413 | IV/I | 27/03/2020 | 17/10/2020 |
| | | [View File](#) | | |

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

United Institute of Technology is affiliated to Anna University and the process of evaluation is base on the guidelines of the University. As per the instruction by the University three internal assessments are conducted for every semester. The main objective in conducting the Internal Tests is to expose the student to the habit of writing and also learning methodologies. The continuous conduct of assessments makes the student to also learn continuously and not sporadically. The Exam cell is responsible for the smooth conduct of Internal Assessments. It is in the Exam cell the final Internal marks are awarded based on the students performance in the Internal tests and Unit tests. Before the commencement of the Internal assessment, the faculties prepare the question paper in line with the syllabus completion and get it verified and approved by the respective Department Heads. For first internal assessment the questions are based on the first 40 percentage of the syllabus, for second internal assessment the question are based on the next 40 percentage of the syllabus, for third internal assessment test, the questions are based on the complete syllabus. The institute has built in mechanisms to ensure syllabus completion and conduct of CIE within the time frame and accordingly the various measures are taken. Each internal assessment is conducted for 100 marks for three hours. In addition to that, unit tests of 60 marks for two hours are conducted by the departments before each internal assessment for the students to get well versed in each unit. The internal assessment papers are evaluated in the centralized evaluation cell and the same is crossed verified by the Heads. Marks from the unit test and the internal assessment are converted for 100. These marks are uploaded in the affiliated University examination portal. The evaluated answer scripts are distributed to the students for their perusal and for discussing with the faculties and peers. If any discrepancy is found in the paper, it will in turn be rectified by the faculty. The answers are discussed with the students after the correction and during the distribution of answer scripts. The students are made to understand the exact content that has to be written to score marks. Also, by conducting the tests, the students exposed to the practice of learning, understanding and writing. Result analysis is done for all the classes in the department, and necessary actions are taken to improve the pass percentage of the students. Thereby, the students can improve their presentation skills and also become well versed in time management. The EMS educated the faculty members on Outcome based education(OBE) and assessment process. An awareness training program on online assessment was conducted through the online E-Box platform as the same platform

was later used for the conduct of end semester examinations.

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

The institution is an affiliated college. The institution is affiliated to Anna University and strictly adheres to the academic schedule published by the University. The University publishes the academic schedule well in advance so that the Institution is well prepared for the forth coming semester. The academic year starts on the date as prescribed by Anna University. The academic calendar of the Institution is prepared by the Principal in consultation with HODs before commencement of every semester and consists of Holidays Schedule for internal exams Last working day Date of practical University examination Institutional level functions viz college day, sports day etc. The institute prepares the Academic calendar by understanding the Program outcome and Course outcome so that the activities are planned accordingly. Academic Calendar lays down a very strong foundation of the academic delivery and for Continuous Internal Evaluation (CIE).Academic Calendar is prepared for each semester. During each semester three internal assessment examinations are conducted and the exam time-table is prepared and disseminated to students in advance by displaying in notice board. Examinations are conducted at the end of each semester by the affiliating University. The Institute plans for curricular and co-curricular activities based on the available working/teaching days as per university norms. The institution academic calendar for each semester is designed to meet the university academic schedule. College informs students about the university notices and circulars related to the examinations from time to time through student notice board, class notice board, departmental notice boards and also verbally by the faculty members of the department. All departments conduct internal assessment for the students and they are well informed about these internal examinations date in advance by the DECIM (Department Exam Cell Co-Ordinator Internal Mode) of the department. Internal assessment dates are also provided by the affiliating University to be conducted within that period. During the internal examinations the students are coached in the morning and the exams are conducted in the afternoon. Evening special coaching class is conducted during every internal assessment for each subject. Internal assessment dates are also provided by the college in the proposed academic calendar prepared at the beginning of each academic year. Each continuous internal exam is well planned by the exam cell of each department governed by the exam cell of the institution. 3 number of internal exams are conducted per semester Syllabus for each internal exam is clearly defined at the beginning of the semester .The internal marks are entered in the Anna University web portal as declared by the university. Internal marks are displayed in the notice board for the benefit of students. Based on the academic calendar, value-added courses are also conducted to enhance the knowledge, bridge the gap in the curriculum and to meet the industry expectations. Various events are planned and organized in such a way, that none of the academic related work gets disrupted. The release of this academic calendar also instills the habit of pre planning among the students community.

## 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://uit.ac.in/naac/10

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the | Number of students passed in final year | Pass Percentage |
| --- | --- | --- | --- | --- | --- |

| | | | final year examination | examination | |
|---|---|---|---|---|---|
| 413 | ME | STRUCTURAL ENGINEERING | 8 | 1 | 12.50 |
| 405 | ME | COMPUTER SCIENCE AND ENGINEERING | 2 | 0 | 0 |
| 114 | BE | MECHANICAL ENGINEERING | 103 | 19 | 18.45 |
| 106 | BE | ELECTRONICS AND COMMUNIC ATION ENGINEERING | 80 | 21 | 26.25 |
| 105 | BE | ELECTRICAL AND ELECTRONICS ENGINEERING | 32 | 7 | 21.88 |
| 104 | BE | COMPUTER SCIENCE AND ENGINEERING | 101 | 38 | 37.62 |
| 103 | BE | CIVIL ENGINEERING | 44 | 7 | 15.91 |

[View File](#)

## 2.7 – Student Satisfaction Survey

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

http://uit.ac.in/assets/naac/iqac/AQAR%2019-20/2019-2020%20-%20SSS%20REPORT.pdf

# 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) | 365 | KTVR SIDDHAMMAL CHARITAB | 20 | 20 |
| Minor Projects | 180 | UIT Educational Trust | 0.3 | 0.3 |
| Minor Projects | 180 | UIT Educational Trust | 0.49 | 0.49 |
| Minor Projects | 180 | UIT Educational Trust | 0.38 | 0.38 |
| Minor | 180 | UIT | 0.41 | 0.41 |

| Projects | | Educational Trust | | |
|---|---|---|---|---|
| Minor Projects | 180 | UIT Educational Trust | 0.47 | 0.47 |

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**3.2 – Innovation Ecosystem**

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

| Title of workshop/seminar | Name of the Dept. | Date |
|---|---|---|
| WORKSHOP ON EMBEDDED AND IOT BASED SYSTEM DEVELOPMENT | ELECTRONICS AND COMMUNICATION ENGINEERING | 12/02/2020 |
| WORKSHOP ON IMPLEMENTATION OF REAL TIME APPLICATIONS IN IOT | COMPUTER SCIENCE AND ENGINERING | 18/09/2019 |
| CURRENT ISSUES IN INTELLECTUAL PROPERTY RIGHTS IN INDIA | MECHANICAL ENGINEERING | 20/08/2019 |
| WORKSHOP ON RESEARCH PAPER PUBLICATION IN REPUTED JOURNALS | ELECTRONICS AND COMMUNICATION ENGINEERING | 04/10/2019 |
| RESEARCH BASED RECENT METHODS AND TOOLS FOR HARDWARE AND SOFTWARE BASED SYSTEM DEVELOPMENTS | COMPUTER SCIENCE AND ENGINEERING | 29/01/2020 |
| MOTIVATION SESSION BY SUCCESSFUL ENTREPRENEUR / START UP FOUNDER | MECHANICAL ENGINEERING | 22/01/2020 |
| SCOPE OF IPR | ELECTRICAL AND ELECTRONICS ENGINEERING | 13/02/2020 |
| RECENT TRENDS IN INDUSTRIAL ELECTRONICS – REVIEW AND RESEARCH | ELECTRONICS AND COMMUNICATION ENGINEERING | 20/09/2019 |
| CAREER OPPORTUNITIES IN IT ANDROID DEVELOPMENT FOR ASPIRING ENTREPRENEURS | COMPUTER SCIENCE AND ENGINEERING | 05/02/2020 |
| PLAGUARISM TOOLS AND ITS UTILIZATION FOR EFFECTIVE RESEARCH PUBLICATION | COMPUTER SCIENCE AND ENGINEERING | 01/10/2019 |
| A RESEARCH WORKSHOP ON STRUCTURAL AND FOUNDATIONAL ANALYSIS | CIVIL ENGINEERING | 19/03/2020 |

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 |
|---|---|---|---|---|
| NIL | NIL | NIL | Nill | NIL |

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 |
|---|---|---|---|---|---|
| UIT | FULL STACK DEVELOPMENT CENTRE | UIT EDUCATIONAL TRUST | Nil | Nil | 17/02/2020 |

View File

## 3.3 – Research Publications and Awards

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

| State | National | International |
|---|---|---|
| 0 | 0 | 11 |

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

| Name of the Department | Number of PhD's Awarded |
|---|---|
| Nil | 0 |

**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 | Electronics and Communication Engineering | 6 | 1.78 |
| International | Mechanical Engineering | 4 | 0.48 |
| International | Civil Engineering | 1 | 5.97 |

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

| Department | Number of Publication |
|---|---|
| 0 | 0 |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|---|---|---|---|---|---|
| Hybrid Mobile Ad-Hoc Delay Tolerant Network for Optimum Routing in Wireless Sensor Networks | C.R.Rathish | International Journal of Innovative Technology and Exploring Engineering | 2019 | 0 | United Institute of Technology | 0 |

| A Novel and Effective Method for Automatic Paper Trimming and Cutting process in Paper Industries | C.R.Rathish | International Journal of Advanced Science and Technology | 2020 | 0 | United Institute of Technology | 0 |
|---|---|---|---|---|---|---|
| Particle Swarm Optimization (PSO) with fuzzy c means (PSO-FCM)-based segmentation and machine learning classifier for leaf diseases prediction | Pravin Kumar.S.K | Wiley Online Library | 2019 | 2 | United Institute of Technology | 1 |
| Fruit Classification Using Traditional Machine Learning and Deep Learning Approach | Pravin Kumar.S.K | International Conference On Computational Vision and Bio Inspired Computing | 2020 | 2 | United Institute of Technology | 2 |
| Artificial bee colony-based fuzzy c means (ABC-FCM) segmentation algorithm and dimensionality reduction for leaf disease detection in bioinformatics | Pravin Kumar.S.K | The Journal of Supercomputing | 2019 | 4 | United Institute of Technology | 4 |
| A Novel and Effective | Dr.C.Saravana Murthi | International Journal of | 2020 | 0 | United Institute of | 0 |

| | | Advanced Science and Technology | | | Technology | |
|---|---|---|---|---|---|---|
| Method for Automatic Paper Trimming and Cutting process in Paper Industries | | | | | | |
| Production of Medium Strength Self Compacting Concrete using Silica Fume and Quarry | Ravindranath Chandra R | International Journal of Engineering and Advanced Technology | 2019 | 0 | United Institute of Technology | 0 |
| Selection of Office Bearers for a Student Chapter using Analytical Hierarchy Process: A Case Study | Kasthuri Raj S.R | The Mattingley Publishing Co., Inc. | 2020 | 0 | United Institute of Technology | 0 |
| DRY SLIDING WEAR AND FRICTIONAL BEHAVIOUR OF A356 – X WT SIC/GR HYBRID COMPOSITES PRODUCED BY STIR-CUM-SQUEEZE CASTING METHOD | P. SATHISH KUMAR | Digest Journal of Nanomaterials and Biostructures | 2019 | 1 | United Institute of Technology | 1 |
| Cost Effective Energy Efficient Scheme for Mobile Adhoc Network | Rathish Radhakrishnan | International Journal of Computing | 2020 | 1 | United Institute of Technology | 1 |
| [View File](#) | | | | | | |

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

| Title of the Paper | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|---|---|---|---|---|---|
| Hybrid Mobile Ad-Hoc Delay Tolerant Network for Optimum Routing in Wireless Sensor Networks | C.R.Rathish | International Journal of Computing | 2019 | 4 | 0 | United Institute of Technology |
| Cost Effective Energy Efficient Scheme for Mobile Adhoc Network | Rathish Radhakrishnan | International Journal of Computing | 2020 | 4 | 5 | United Institute of Technology |
| Artificial bee colony-based fuzzy c means (ABC-FCM) segmentation algorithm and dimensionality reduction for leaf disease detection in bioinformatics | Pravin Kumar.S.K | The Journal of Supercomputing | 2019 | 24 | 4 | United Institute of Technology |
| Selection of Office Bearers for a Student Chapter using Analytical Hierarchy Process: A Case Study | Kasthuri Raj S.R | The Mattingley Publishing Co., Inc. | 2020 | 2 | 0 | United Institute of Technology |
| DRY SLIDING | P. SATHISH | Digest Journal of | 2019 | 1 | 1 | United Institute |

| | | | | | | |
|---|---|---|---|---|---|---|
| WEAR AND FRICTIONAL BEHAVIOUR OF A356 - X WT SIC/GR HYBRID COMPOSITES PRODUCED BY STIR-CUM-SQUEEZE CASTING METHOD | KUMAR | Nanomaterials and Biostructures | | | | of Technology |
| Fruit Classification Using Traditional Machine Learning and Deep Learning Approach | Pravin Kumar.S.K | International Conference On Computational Vision and Bio Inspired Computing | 2020 | 2 | 2 | United Institute of Technology |
| A Novel and Effective Method for Automatic Paper Trimming and Cutting process in Paper Industries | Dr.C.Saravana Murthi | International Journal of Advanced Science and Technology | 2020 | 2 | 2 | United Institute of Technology |
| A Novel and Effective Method for Automatic Paper Trimming and Cutting process in Paper Industries | C.R.Rathish | International Journal of Advanced Science and Technology | 2020 | 4 | 2 | United Institute of Technology |
| Production of Medium Strength Self Compacting Concrete using Silica Fume and | Ravindranath Chandra R | International Journal of Engineering and Advanced Technology | 2019 | 0 | 0 | United Institute of Technology |

| | | | | |
|---|---|---|---|---|
| Quarry Dust | | | | |

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

| Number of Faculty | International | National | State | Local |
|---|---|---|---|---|
| Attended/Seminars/Workshops | 0 | 54 | 0 | 0 |

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## 3.4 – Extension Activities

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

| Title of the activities | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---|---|---|---|
| Eye Camp | NSS, JCI Coimbatore Indcity | 4 | 60 |
| Food Waste Awareness Program | NSS Rotary Coimbatore Elite | 2 | 98 |
| Anti-drug awareness Program | NSS, JCI Coimbatore Indcity | 2 | 40 |
| Swachatha | NSS Rotary Coimbatore Elite | 5 | 198 |
| Blood donation Camp | NSS Rotary Coimbatore Elite | 4 | 32 |
| Accident Awareness Program | NSS, Rotary Coimbatore Elite | 2 | 30 |
| Pilgrim Service Activity | NSS Ayyappan Temple, Periyanaick enpalayam | 2 | 80 |
| Food Sponsor (Pongal Celebration) | NSS, Varahi Ashram | 4 | 35 |
| Awareness on gender equity | NSS, Panchayat, Gudalur Kovundampalayam | 2 | 35 |
| Motivational Program | NSS Government Higher Secondry School, Naickenpalayam | 3 | 40 |

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

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|---|---|---|---|
| Eye Camp | Recognition | NSS, JCI Coimbatore Indcity | 60 |
| Swachatha | Recognition | Rotary Coimbatore | 198 |

| | | | |
|---|---|---|---|
| | | Elite | |
| Blood donation camp | Recognition | Blood Bank, Coimbatore | 32 |
| Food Sponsor (Pongal Celebration) | Recognition | Varahi Ashram | 35 |
| Motivational Program | Recognition | Government Higher Secondary School, Naickenpalayam | 40 |

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

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers participated in such activites | Number of students participated in such activites |
|---|---|---|---|---|
| Eye Camp | NSS, JCI Coimbatore Indcity | Eye Camp | 4 | 60 |
| Food Waste Awareness Program | NSS Rotary Coimbatore Elite | Food Waste Awareness Program | 2 | 98 |
| Anti-drug awareness Program | NSS, JCI Coimbatore Indcity | Anti-drug awareness Program | 2 | 40 |
| Swachatha | NSS Rotary Coimbatore Elite | Swachatha | 5 | 198 |
| Blood donation Camp | NSS Rotary Coimbatore Elite | Blood donation Camp | 4 | 32 |
| Accident Awareness Program | NSS, Rotary Coimbatore Elite | Accident Awareness Program | 2 | 30 |
| Pilgrim Service Activity | NSS Ayyappan Temple, Periyan aickenpalayam | Pilgrim Service Activity | 2 | 80 |
| Food Sponsor (Pongal Celebration) | NSS, Varahi Ashram | Pongal Celebration in Varahi | 4 | 35 |
| Awareness on gender equity | NSS, Panchayat, Gudalur Kovundampalayam | Awareness on gender equity | 2 | 35 |
| Motivational Program | NSS Government Higher Secondry School, Naickenpalayam | Motivational Program | 3 | 40 |

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**3.5 – Collaborations**

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

| Nature of activity | Participant | Source of financial support | Duration |
|---|---|---|---|
| Industrial Visit | 40 | Management support | 1 |
| Industrial Visit | 25 | Management support | 1 |
| Industrial Visit | 246 | Management support | 1 |
| Industrial Visit | 57 | Management support | 1 |
| Industrial Visit | 60 | Management support | 1 |
| Industrial Visit | 32 | Management support | 1 |
| Industrial Visit | 64 | Management support | 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 |
|---|---|---|---|---|---|
| Internship | Internship | Kongunadu Infra Developers | 14/08/2019 | 28/09/2019 | 3 |
| Internship | Internship | Kongunadu Infra Developers | 02/09/2019 | 14/10/2019 | 3 |
| Internship | Internship | Anusam Constructions | 15/07/2019 | 30/08/2019 | 3 |
| Internship | Internship | Anusam Constructions | 31/07/2019 | 23/08/2019 | 3 |
| Internship | Internship | Amphisoft Technologies | 20/01/2020 | 05/03/2020 | 3 |
| Internship | Internship | Amphisoft Technologies | 20/01/2020 | 05/03/2020 | 2 |
| Internship | Internship | Amphisoft Technologies | 20/01/2020 | 05/03/2020 | 2 |
| Internship | Internship | Pioneer Circuits | 20/01/2020 | 05/02/2020 | 4 |
| Internship | Internship | Chip Crafts | 27/01/2020 | 12/02/2020 | 4 |
| Internship | Internship | Clancor | 03/02/2020 | 19/02/2020 | 4 |

| | Technovates | | | |
|---|---|---|---|---|
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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 |
|---|---|---|---|
| Cimtech Engineers | 13/07/2019 | Internship/Training/Student Project/Placement | 72 |
| Tamilan vmc Enginnering | 13/08/2019 | Internship/Training/Student Project/Placement | 13 |
| Pioneer Circuits | 04/09/2019 | Internship/Training/Student Project/Placement | 24 |
| Amphisoft Technologies | 20/01/2020 | Internship/Training/Student Project/Placement | 265 |
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# CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 – Physical Facilities

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

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|---|---|
| 25 | 10.41 |

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 | Newly Added |
| Classrooms with Wi-Fi OR LAN | Existing |
| Seminar halls with ICT facilities | Existing |
| Video Centre | Existing |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
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## 4.2 – Library as a Learning Resource

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

| Name of the ILMS | Nature of automation (fully | Version | Year of automation |
|---|---|---|---|

| software | or patially) | | |
|----------|--------------|---|---|
| **MODERN LIB** | **Partially** | **2009** | **2015** |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|---|-------------|---|-------|---|
| **Text Books** | **43759** | **13127700** | **500** | **175000** | **44259** | **13302700** |
| **Reference Books** | **4375** | **1312500** | **100** | **35000** | **4475** | **1347500** |
| **e-Books** | **1344** | **13500** | **2351** | **13500** | **3695** | **27000** |
| **Journals** | **0** | **0** | **30** | **105000** | **30** | **105000** |
| **Digital Database** | **1** | **13500** | **0** | **0** | **1** | **13500** |
| **Weeding (hard & soft)** | **5500** | **1925000** | **0** | **0** | **5500** | **1925000** |
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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 &amp; 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 |
|---------------------|--------------------|---------------------------------------|------------------------------|
| **SARAVANAMURTHI C** | **DESIGN OF MACHINE ELEMENTS** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **01/04/2019** |
| **R.SIVARAJ** | **THERMAL ENGINEERING** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **03/04/2019** |
| **K.JEYA PRAKASH** | **DYNAMICS OF MACHINERY** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **03/04/2019** |
| **M. SARAVANAKUMAR** | **OBJECT ORIENTED PROGRAMMING** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **04/04/2019** |
| **K. MEGALA** | **COMPLIER DESIGN** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **15/04/2019** |
| **R V DHIVYA SREE** | **DESIGN OF REINFORCED CEMENT CONCRETE ELEMENTS** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **10/06/2019** |
| **M R MARTHANDAN** | **APPLIED HYDRAULICS ENGINEERING** | **UIT - LEARNING MANAGEMENT SYSTEM - LMS** | **02/12/2019** |
| | | [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 | 320 | 7 | 320 | 1 | 2 | 1 | 4 | 75 | 0 |
| Added | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 320 | 7 | 320 | 1 | 2 | 1 | 4 | 75 | 0 |

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

**75 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 |
|---|---|
| **Seminar Hall** | http://uit.ac.in/infrastructure/seminar_and_conference_hall |
| **Studio Hall** | http://uit.ac.in/infrastructure/seminar_and_conference_hall |

## 4.4 – Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurredon maintenance of physical facilites |
|---|---|---|---|
| 125 | 130.35 | 200 | 216.39 |

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 college ensures the availability of the latest equipment and up-to-date infrastructure in the institution. There is a systematic procedure for the purchase and maintenance of these infrastructural facilities, including many equipments. First, the proposal is submitted and then its evaluation is done by the college office. It must get approval from the principal, and then quotations are invited. After the approval of the management, the required item is purchased and entered in the stock register. At the end of the financial year stock verification is also done by the college office. The same process is done for repair, writing off, or repurchases every year. • Periodic reporting on requirements of repairs and maintenance is submitted by the HODs to the Administrative office. The requirements are collectively processed in every semester break to keep things ready for the next semester. Administrative officers will take in charge of student's academic requirements. • We also have teachers in charge of the computer center, Library, Lab in-charges, etc who look after the maintenance of their respective sections. • We have Central Library along with departmental libraries. The central library has 3 staff, who regularly monitor the library stock, maintain rare books, collection, issue and maintenance of the books. Library cards are issued to the students. • The Sports department is very active and encourages students to participate in various sports activities, along with training and coordinating various sports in the college. • We have the men from the security agency for round-the-clock

security of the infrastructure of the college. • Day-to-day maintenance is ensured by the support staff. • The equipment like generators, water motors, pumps, water purifiers, and water coolers are also taken care of either by AMC or time to time inspection and repair. • We have installed Fire extinguishers at identified locations Computers: - 1. Centralized computer laboratory is established to enrich the students. 2. ERP software is used for maintaining faculty and student details. 3. Each Department is having an appropriate computer for their requirements. 4. Internet and WIFI Enabled campus. 5. Open access journal facilities are available. • Lab assistants under the supervision of the System administrator maintain the efficiency of the college computers and accessories. • Parking facility is well organized. It is efficiently maintained • The campus maintenance is monitored through surveillance Cameras.

http://uit.ac.in/assets/naac/2022/criteria_4/4.4.2-maintenance%20policy.pdf

## 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 | UIT Trust Scholarship | 544 | 10117000 |
| Financial Support from Other Sources |  |  |  |
| a) National | COMMUNITY/ FG SCHOLARSHIP FOR BC, MBC, SC, ST | 535 | 28639300 |
| b)International | Nill | Nill | Nill |
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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 |
| --- | --- | --- | --- |
| Hands on Workshop on ICT Tools and its Usage | 09/03/2020 | 298 | Mr.Sathish raja,Chandrayan Institute.Coimbatore |
| Importance of Being a Good Listener | 07/01/2020 | 71 | Ms.M.Samyuktha,Achieve Institute,Coimbatore |
| Employability Training and UpSkilling Program | 21/12/2019 | 46 | Team of Achieve Institute,Coimbatore |
| Talk on Sensory Prosperity | 18/07/2019 | 476 | Ms.Ruby Anitha,Principal,United College of Medical Science,Coimbatore |
| Yogathan - 2K19 | 21/06/2019 | 330 | Sri.Ravishankar,Aim Foundation, Coimbatore |
| Summit on Managerial and | 18/06/2019 | 537 | Rishab R Shenoy,Achieve Inst |

| Transformational Skills | | | | itute,Coimbatore | |
| --- | --- | --- | --- | --- | --- |

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

| Year | Name of the scheme | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passedin the comp. exam | Number of studentsp placed |
| --- | --- | --- | --- | --- | --- |
| 2020 | INDUCTION PROGRAM ON OPPORTUNITIES FOR HIGHER STUDIES ABROAD-CAREER COUNSELLING PROGRAM | 0 | 358 | 0 | 264 |
| 2019 | PROGRAM ON WAYS TO CRACK TNPSC EXAMS-GUIDANCE FOR COMPETITIVE EXAMINATIONS | 358 | 0 | 0 | 264 |
| 2020 | INDUCTION PROGRAM ON PREPARING NEXT GENERATION OF ENGINEERS-CAREER COUNSELLING PROGRAM | 0 | 358 | 0 | 264 |
| 2020 | A MOTIVATION PROGRAM ON HOW TO BECOME A SUCCESSFUL ENTREPRENEUR-CAREER COUNSELLING PROGRAM | 0 | 358 | 0 | 264 |
| 2019 | CAREER GUIDANCE PROGRAM ON PERSONALITY DEVELOPMENT /GROOMING SKILLS REQUIRED FOR A PROFESSIONAL-CAREER | 0 | 226 | 0 | 0 |

| COUNSELLING PROGRAM | | | | |
|---|---|---|---|---|

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

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---|---|---|
| 1 | 1 | 15 |

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|---|---|---|---|---|---|
| Nameof organizations visited | Number of students participated | Number of stduents placed | Nameof organizations visited | Number of students participated | Number of stduents placed |
| ALLSEC TECHNOLOGIES | 168 | 78 | INFOSYS | 68 | 2 |

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

| Year | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined | Name of programme admitted to |
|---|---|---|---|---|---|
| 2019 | 1 | B.E | CSE | UNITED INSTITUTE OF TECHNOLOGY | M.E COMPUTER SCIENCE |
| 2019 | 1 | B.E | CIVIL | AMIRTHA VISHWA VIDYAPEETHAM UNIVERSITY | M.TECH STRUCTURAL AND CONSTRUCTION ENGINEERING |
| 2019 | 1 | B.E | CIVIL | UNITED INSTITUTE OF TECHNOLOGY | ME STRUCTURAL ENGINEERING |
| 2019 | 1 | B.E | CIVIL | UNITED INSTITUTE OF TECHNOLOGY | ME STRUCTURAL ENGINEERING |
| 2019 | 1 | B.E | CIVIL | UNITED INSTITUTE OF TECHNOLOGY | ME STRUCTURAL ENGINEERING |
| 2019 | 1 | B.E | CIVIL | SRI KRISHNA COLLEGE OF TECHNOLOGY | ME STRUCTURAL ENGINEERING |
| 2019 | 1 | B.E | MECHANICAL | Kumaraguru College of Technology | MBA |
| 2019 | 1 | B.E | ECE | HINDUSTAN COLLEGE OF | MASTER OF SOCIAL WORK |

| Year | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | ARTS AND SCIENCE |
| 2019 | 1 | B.E | ECE | AVINASHILI NGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN | MBA |
| 2019 | 1 | B.E | EEE | GOVERNMENT COLLEGE OF TECHNOLOGY | M.E POWER SYSTEM ENGINEERING |

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## 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 |
|---|---|
| Nill | 0 |

[View File](#)

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

| Activity | Level | Number of Participants |
|---|---|---|
| Cultural Contest on Republic Day | Institutional Level | 23 |
| Dance Women Dance | Institutional Level | 35 |
| Rangoli Competition 2020 | Institutional Level | 31 |
| Kerala Dance Contest | Institutional Level | 30 |
| Carol Singing Contest | Institutional Level | 30 |
| SREC Alumni Trophy | District Level | 15 |
| Face Painting Competition | Institutional Level | 17 |
| PARK CET Alumni Hockey Trophy -2020 | District Level | 14 |
| RVS Covai Ties | District Level | 15 |
| CIT Trophy State Level Inter Collegiate Tournament | State Level | 15 |

[View File](#)

## 5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|---|---|---|---|---|---|---|
| 2019 | Hockey(M en)- | National | 1 | Nill | 71451610 5007 | Kannadha san R |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Runners | | | | | |
| 2019 | Kabbadi( Men)- Third | National | 1 | Nill | 71451611 4030 | Jeya Surya J |
| 2019 | Athletics (Men) - Third | National | 1 | Nill | 71451610 3302 | Dhanish Mani |
| 2019 | Athletics (Women) -Second | National | 1 | Nill | 71451710 6015 | Hemalatha P |
| 2020 | Single Stick Rotaton - Gold | National | 1 | Nill | 71451610 4025 | Keerthana K |
| 2020 | Kulu Kut huvarisai- Gold | National | 1 | Nill | 77145171 14013 | Balamuru gan N |
| 2020 | Kulu Ayutha Vee chu-Silver | National | 1 | Nill | 71451711 4013 | Balamuru gan N |
| 2020 | Kulu Kuthu Varisai - Gold | National | 1 | Nill | 71451710 3022 | Savariva san K |
| 2020 | Kuthuvar isai Single - Bronze | National | 1 | Nill | 71451710 3022 | Savariva san K |
| 2019 | Football (Men)- Third | National | 1 | Nill | 71451610 5017 | Ragul R |

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

Class Representatives: A class representative is identified for every class and the representative is the link between the department and the students.All day to day activities are managed through class representatives. The class committee is formed as per the guidelines of Anna University and it provides vital information regarding academics, co-curricular and extra curricular activities. Anti-Ragging Committee: The Anti-Ragging Committee is in place as per the AICTE guidelines and it prevents the ragging inside the campus. Library Committee: It consists of Faculty and Students representatives. It is responsible for addition of learning resources as per the AICTE guidelines. Grievance Redressal Committee: The internal compliance committee looks into the various grievances from faculty and students. Separate provision is made available in the website for online submission. IQAC: The IQAC is responsible for meticulous planning and quality delivery of academic activities as per the academic calendar. Selected students and senior faculty members are the members of the IQAC. Department Association: Department association is formed with HoD and a faculty in-charge besides students as office bearers. The association

plans the co-curricular activities and organize the periodic events to promote academic excellence. Training and Placement Cell (TPC): TPC is responsible for training students and make them industry ready. The cell organizes placement drives and provides internship opportunities to students. It also conducts awareness programs on higher education and entrepreneurial activities. EDC: EDC has been established to motivate students to become entrepreneurs. It provides information on start-ups, innovation and incubation Centre. Sports Committee: Boys and Girls are provided with ample opportunities to take part in sports activities to keep their body fit and healthy. The students coordinator coordinates with the Physical Director for conducting events. WEC : The WEC takes care of the well-being of girls students and ladies staff. The cell organizes various awareness programs and responsible for condusive environment in the campus. NSS: The NSS unit organizes social outreach programs like blood donation, dengue awareness plastic free environment, temple cleaning and motivational programs

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, our Institution has registered an alumni association under Section 10 of the Tamilnadu Societies registration act 1975. Sl. no. 140 / 2014. The institution is proud to say that it has a long history of student accomplishment and triumph. It has also built a wide network of past students to assist restore memories of the college. On a regular basis, the alumni's meeting has been conducted to facilitate communication link with their alumnus by increasing contact among them. In addition, the alumni association offers selected alumni with opportunities to participate in ongoing academic activities such as teaching, workshops, conference events, personality development, and placements. The guest lectures and special lectures on specialised topics have been arranged by the association in order to enhance the knowledge of the students in recent trends. When necessary, the institution gets benefited by of alumni members in order to improve the employability of students. Interaction with alumnus guides the students in getting jobs in their preferred companies and encourages pupils to develop an entrepreneurial spirit. Also, on a local, regional, and worldwide level, to organise social, educational, and networking activities. To provide financial assistance to the institute and knowledge transfer to students through Abdul kalam research centre of excellence. Other Support and Services by Alumni Students 1. To donate the books for library by alumni students 2. To promote personnel and cordial relations among alumni through meetings, get-togethers, excursions, and travels, among other things. 3. To assist UIT alumnus in developing a well-rounded personality and set of technological abilities by conducting personality development programme. 4. From time to time, need to conduct symposium, seminars, meetings, conferences, cultural activity, encourage literacy and other appropriate events. 5. Via various events and means, raise awareness of key social issues and assist in the development of a sense of national/social responsibility among alumni, students, and society (through activities such as free medical, including eye and blood donors camps, and so on). 6. To establish a platform for the exchange of ideas and experiences with current students. 7. To bring willing members into contact with one another with a view establish a relations of friendship and goodwill towards one another so then they can have exchange of thoughts and views. Usage for Students of Alumni Association: • To develop the interaction between industry and academia • Assistance for industrial visits and placement • Assistance for final-year student project The Association office bearers 1 N.Nirmal - President 2 M.Kalaiyarasi - Secretary 3 Gowtham Kumar - Treasurer 4 Aiswarya Pavithran - Member 5 Ajay Prashath N D - Member 6 Arpitha K - Member 7 Lavanya

D - Member 8 Daniel Britto B - Member 9 Ashwin Kumar S - Member 10 Vijith Varma - Member

## 5.4.2 – No. of enrolled Alumni:

2552

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

3089

## 5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni meeting for the 2019 passed out batch was conducted on the 21.09.2019 at the Seminar Hall in United Institute of Technology. Nearly 350 alumni have been participated in the meeting which was felicitated in the presence of the Chairman, Principal and all Department Head's along with Faculty coordinators. Principal shared that there is 60,000 rupees available in their alumni account of the students' knowledge. The students who had placed in the companies have shared their experience in their working environment. They suggested the necessary skill sets which have been expected from them in their companies during their training period. Chairman addressed the gathering and encouraged the entrepreneurs to contribute their ideas for start-ups and to include their juniors in their works. And he also asked the alumni to take part in recruiting their juniors in their companies in future as a volunteer. As requested by the alumni and Faculty coordinators the requirements for first over all common alumni meet was planned and discussed in the meeting. And Chairman assured that the overall common alumni meet will take place in upcoming academic year. By the end of the meeting, Principal given a vote of thanks for all the alumni for their past and future contribution to the development of their beloved college.

# 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)

Practice - I United Institute of Technology conducts annual day every year. The event is rolled out with the formation of various committees. Faculty and student in-charges for the committees are assigned. All the committees execute their assigned task in a well-planned manner with prior discussions. Interested students contact the in-charges and get themselves actively involved in the event. Chief guest, parents, alumni, and other distinguished guests are invited well in advance. On the day of the event, the eminent chief guest delivers his/her address and the guest is bestowed with prize distribution for outstanding students for their achievements in various activities. The audience is presented with cultural performances and the event comes to an end. Practice - II Campus placement, also known as campus recruitment, conducts interviews, and hire candidates to work in their company. These campus placements are arranged by the college for the students based on the market demand. The campus drives are held during final year. The placement preparation for the students starts off early in the second year for the undergraduates with technical and soft skills training till they get placed. the Management identifies different companies for placement drives and outside agencies for placement training.

## 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 |
| Admission of Students | Admissions based on AICTE norms and the rules framed by the Government of Tamil Nadu are done under SWS and MQS. The guidelines adopted for both the categories are inline with the same norms. The students under MQS are awarded with special scholarships as per the admission policy. |
| Research and Development | The faculty members are encouraged to involve in research and development activities and the same component is included in the performance appraisal system. They are provided with financial support initially and percentage of funds received will be given to the faculty members as per RD policy. Incubation centers are setup in the campus to promote product development and entrepreneurial activities. Interdisciplinary projects from students are encouraged with seed money to promote research culture. |
| Curriculum Development | The institution scrupulously follows the curriculum prepared by academic experts of the Anna University. However, the various aspects and intricacies of the curriculum are discussed in detail by HODs at the beginning of every semester and value added courses and other co-curricular activities are offered during the semester to fill the gap. |
| Teaching and Learning | The effective delivery of curriculum is achieved by adopting various methods such as using black board, ICT enabled teaching methods, digital library, NPTEL/online video facilities and other online relevant resources. |
| Examination and Evaluation | Semester examinations are conducted by the institution based on the guidelines and academic schedule released by the affiliating university. Class tests/Unit tests, student seminars, interactive sessions and practical examinations are conducted by the departments to evaluate the students. The department makes use of the online platform E-Box an additional tool for performance evaluation of the students. |
| Library, ICT and Physical Infrastructure / Instrumentation | The Library is well equipped with required number of titles, volumes and E-Learning resources as per AICTE |

| | norms. The Library is open to the students and faculty members beyond the working hours. Internet facilities are available for use. |
|---|---|
| Human Resource Management | The management ensures the well being of both teaching and non teaching staff. Medical Insurance is provided to all the faculty members. Staff can avail casual leave and other leave as per HR policy. |
| Industry Interaction / Collaboration | 1.The management is very keen in having interaction with industries. Each department organizes many workshops and symposia with the joint participation of the faculty and industry. Inviting engineers from industries to visit the institution. 2. Providing industry related project works to UG and PG students. 3. Arranging practical training for students in industries. 4. MOU with industries in order to provide hands on training to students. • Intensive training through Value Added Programmes with the help of experts from industries to improve the placement prospects of the students. • Industrial Visits / Implant Training Minimum three local industrial visits are organized for all students to acquire practical knowledge of the subjects. Inplant training also will be provided at the end semester for hands-on-experience |

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

| E-governace area | Details |
|---|---|
| Planning and Development | College has implemented office automation using ROVAN software. Office automation includes students' database, faculty and staff database, feedback system, students attendance and Lecture plans besides teaching materials. The Library is equipped with modern-Lib automation software. |
| Administration | The routine activities are carried out at the department level under the guidance of HoD/Principal. Notices and circulars are circulated to the students and faculty members periodically. Important notifications are uploaded in the college website and communicated through E-mail to different departments. |
| Finance and Accounts | 1. Fees collection is done through online and offline at office counters. Receipts are generated using ROVAN |

| | |
|---|---|
| | software. 2. Salary to faculty members and other staff is credited directly to the bank account through ECS. 3. All budget allocations to the departments and other supporting entities are done through proper transactions duly approved by the finance section. |
| Student Admission and Support | Admissions based on AICTE norms and the rules framed by the Government of Tamil Nadu are done under SWS and MQS. The guidelines adopted for both the categories are inline with the same norms. The students under MQS are awarded with special scholarships as per the admission policy. Student admission and supporting documents for both Govt. Quota and Management Quota are maintained in ROVAN software. |
| Examination | Semester examinations are conducted by the institution based on the guidelines and academic schedule released by the affiliating university. Class tests/Unit tests, student seminars, interactive sessions and practical examinations are conducted by the departments to evaluate the students. The department makes use of the online platform E-Box an additional tool for performance evaluation of the students. Attendance, internal assessment and practical marks and results of the students are uploaded in the university website and viewed by the students using their login ID. |

## 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 |
|---|---|---|---|---|
| 2020 | Ms. Jeevitha M | Advancements in Android Based System Developments | NIL | 2000 |
| 2020 | Ms.Megala K | Advancements in Android Based System Developments | NIL | 2000 |
| 2020 | Ms. Babitha L | Advancements in Android Based System Developments | NIL | 2000 |
| 2020 | | Advancements | NIL | 2000 |

| | Mr.Ganeshmurthi R | in Android Based System Developments | | |
|---|---|---|---|---|
| 2020 | Mr.Chinnarasu K | Drone Developments | NIL | 2300 |
| 2020 | Mr. Karthik R | Drone Developments | NIL | 2300 |
| 2020 | Mr. Sarathkumar D | Drone Developments | NIL | 2300 |
| 2020 | Mr. Jeyaprakash K | Drone Developments | NIL | 2300 |
| 2020 | Mr. Manikandan N | Drone Developments | NIL | 2300 |
| 2020 | Mr.Vinod Kanna A | Advancements in Android Based System Developments | NIL | 2000 |
| | | [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) |
|---|---|---|---|---|---|---|
| 2020 | Workshop on question paper setting and evaluation | nil | 27/01/2020 | 27/01/2020 | 65 | Nill |
| 2019 | Training programme on The Methods of 3D Printing | nil | 18/12/2019 | 18/12/2019 | 60 | Nill |
| 2020 | nil | Workshop on Laboratory Techniques and SOP | 03/01/2020 | 03/01/2020 | Nill | 13 |
| | | [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 | Number of teachers who attended | From Date | To date | Duration |
|---|---|---|---|---|

| programme | | | | |
|-----------|---|---|---|---|
| Cyber security and Cyber Forensics | 4 | 11/06/2019 | 15/06/2019 | 5 |
| Python for Data Science | 1 | 26/08/2019 | 20/09/2019 | 28 |
| Modeling and optimisation of manufacturing system using Intelligent Techniques | 1 | 06/01/2020 | 12/01/2020 | 7 |
| Solidwork based Component Design and Analysis | 3 | 10/06/2019 | 14/06/2019 | 5 |
| Modern Trends in Civil Engineering | 3 | 19/08/2019 | 24/08/2019 | 6 |
| Trends in Science, Engineering and Technology. | 3 | 21/10/2019 | 25/10/2019 | 5 |
| Hands on Training in Smart Phone Troubleshooting | 4 | 03/02/2020 | 07/02/2020 | 5 |
| Data analytics using numpy in python | 2 | 17/02/2020 | 21/02/2020 | 5 |
| [View File]() | | | | |

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

| Teaching | | Non-teaching | |
|----------|---|----------|---|
| Permanent | Full Time | Permanent | Full Time |
| 4 | 4 | 0 | 0 |

6.3.5 – Welfare schemes for

| Teaching | Non-teaching | Students |
|----------|--------------|----------|
| Provision for insurance and accident policy. The institution grants on duty leave for the faculty members doing research works. The faculty members are encouraged to attend the FDP organized in different areas, for which the staff is given leave on duty | Provision for insurance and accident policy. Free working lunch for drivers. | • Merit scholarships and fee concessions for deserving student. • Awards to class toppers • Covered car parking and two wheeler parking facilities • Transport facility to all points in Coimbatore and neighbouring towns • Subsidized canteen which supplies hygienic and nutritious food • |

| | Ambulance facility during emergencies • Provision for insurance and accident policy. |
| --- | --- |

## 6.4 – Financial Management and Resource Mobilization

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

The institution practices a healthy financial management through internal and external audit. 1. The financial resources of the college are managed in a very effective and efficient manner by a fully computerized accounts department in the college. The Annual Budget for the institution is evolved at the beginning of the year, considering the potential income of the institution. 2. The departments also come up with their annual budget based on which the required funds are allocated for the year. The Head of the Institution scrutinizes the requirements submitted by the HoDs and the changes are made if necessary. He forwards to the chairman for approval. 3. Once the requirements get approved, then it will be processed / purchased through the Estate manager. 4. Through ERP transactions happen and some of the transactions are made by vouchers also. All the collections are deposited in the bank and all the expenditures (recurring, the non-recurring and are not petty in nature) are incurred through bank statements. 5. The Accounts Manager checks each and every bill before passing it. 6. After ensuring the receipt of goods in good condition the bill payments are passed. The transactions have been made through the bank by the duly authorized persons. 7. A professionally qualified auditor prepares Audited financial statements including Income and Expenditure Account, Balance Sheet etc. and is submitted to the Banks and other regulatory agencies.

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 |
| --- | --- | --- |
| VELAMMAL EDUCATIONAL TRUST | 10600000 | INSTITUTION DEVELOPMENT |
| [View File](#) | | |

6.4.3 – Total corpus fund generated

| 83032894.77 |
| --- |

## 6.5 – Internal Quality Assurance System

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

| Audit Type | External | | Internal | |
| --- | --- | --- | --- | --- |
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | Nill | Yes | IQAC |
| Administrative | Yes | B.V and Co, Coimbatore | Yes | Administrative office |

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

• The institution communicates its quality policies through the hand book, College website, general meeting for parents and students, public functions conducted in the college and in Alumni meetings. • Periodic meetings for staff and students are conducted at frequent intervals and thus quality assurance policies are communicated to the stake holders. • Parents support to promote social responsibility among the students.

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

• Awareness programme conducted about safety measures to be followed in the festival by the police people. • The road safety and the driving rules have been explained by college transport in charge. • The HODs and Senior Professors have been given the instruction to the supporting staff about the cleanliness and arrangement of laboratory equipments.

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

Significance activity and contribution made by IQAC: ? The current Teaching method and advanced methods will be discussed and the same will be used for the next Academic year. ? Monitoring Teaching learning process by the Internal IQAC members ? Feedback from the Students will be taken about the teaching the same will be reflected staff self-appraisal ? Academic Audit will be done for every Academic year at the end of even semester by the Internal Members like Department HODs

### 6.5.5 – Internal Quality Assurance System Details

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

### 6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|---|---|---|---|---|---|
| 2019 | Orientation Programme for first year B.E. Students | 05/08/2019 | 05/08/2019 | 05/08/2019 | 40 |
| 2019 | Faculty Orientation Program | 29/06/2019 | 29/06/2019 | 29/06/2019 | 67 |
| 2020 | NBA Process and its outcomes | 03/02/2020 | 03/02/2020 | 03/02/2020 | 65 |
| 2019 | Lecture on Process of Patent filing | 16/10/2019 | 16/10/2019 | 16/10/2019 | 63 |
| 2019 | Workshop on Lesson plan preparation and Delivery | 19/08/2019 | 19/08/2019 | 19/08/2019 | 69 |
| View File | | | | | |

## 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 |
| Awareness Program on Self Defence Techniques | 24/08/2019 | 24/08/2019 | 247 | 0 |
| Women's Day Celebration | 07/03/2020 | 07/03/2020 | 170 | 0 |
| Awareness Program on Child Abuse and New of Spread Disease | 21/12/2020 | 21/12/2020 | 42 | 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 |
|---|
| The Institute uses also alternate energy resources to drive few of the electrical loads through biogas and solar panel with approximate driving capacity around 2500 Watts. |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|---|---|---|
| Physical facilities | Yes | 0 |
| Ramp/Rails | Yes | 0 |
| Braille Software/facilities | Yes | 0 |
| Rest Rooms | Yes | 0 |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Name of initiative | Issues addressed | Number of participating students and staff |
|---|---|---|---|---|---|---|---|
| 2019 | Nill | 1 | 05/06/2019 | 1 | World Environmental day | Tree plantation to save environment | 15 |
| 2019 | 1 | Nill | 06/09/2019 | 1 | Onam Day Celebration | Tribute to Demon King Mahabali | 52 |
| 2019 | Nill | 1 | 09/11/2019 | 1 | Swachhata Cleanliness Drive | Importance of clean Environment | 80 |

| 2019 | 1 | Nill | 18/12/2019 | 1 | Bharathi Ula | Tribute to Sir Subhramaniya Bharathiyar | 247 |
| 2020 | 1 | Nill | 11/01/2020 | 11 | Pongal Day Celebration | Celebrating the culture and farmers | 142 |

[View File](#)

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

| Title | Date of publication | Follow up(max 100 words) |
| --- | --- | --- |
| STUDENTS HANDBOOK | 08/06/2016 | Every academic year handbook will be updated on our website, Which talks about a course on campus, code of conduct for the students, rules, and regulations of the college, various facilities and activities in the college, information regarding academic and co-curricular activities. The students are oriented towards the content of the handbook and the code of conduct during the class committee meeting. Also the students are monitored for proper dress code and grooming by team of staff members. The role of the anti-ragging committee, the safety of the students will be highlighted. Our college organizes quality improvement programs like faculty orientation programs for newly joined faculties. In order to meet the industry requirements, each department offers latest Technologies/Techniques as Value Added Courses (VAC) to the students |
| HR HANDBOOK | 08/06/2016 | The purpose of the Handbook is to acquaint the staff about the personnel policies and procedures, rules and |

regulations to be followed by staff, professional ethics, employee benefit plans, and facilities. It helps the staff to understand responsibilities and the opportunities available to them as staff employees. Students and parents/guardians are made aware that this document is reviewed annually since policy and procedure adoption is an ongoing process. A complete list of Policies providing guidelines on the functioning of the various committees and associations is included in the handbook. The policy applies to all staffs and other stakeholders. The objective is to follow set parameters in all the processes to foster a culture of continuous improvement in all facets of the institution

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|----------|---------------|-------------|------------------------|
| Teachers Day | 05/09/2019 | 05/09/2019 | 117 |
| Constitution Day | 26/11/2019 | 26/11/2019 | 50 |
| Voters Day | 25/01/2020 | 25/01/2020 | 50 |
| Republic Day | 26/01/2020 | 26/01/2020 | 82 |
| Independence Day | 15/08/2019 | 15/08/2019 | 87 |

[View File](#)

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

1. Bio gas plant is a great renewable energy being used in our campus. 2. Our campus is plastic free zone . 3. We encourage students to practice the same in the society. 4. Frequent eco friendly programmes like sapling distributions and plantation are initiated. 5. Restricted entry of automobiles inside the campus

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice - I Title of the practice: Training and Placement Objectives: ? To work for the betterment of a student's career and produce a maximum number of Students as effective working individuals who would work to the expectations of the working environment. ? To mould students in such a way that they can serve as a competent to the others who are appearing for jobs. ? To equip

students for better placement opportunities by providing training in relation to public speaking, interview skills and Aptitude. ? To help students in developing better communication and writing skills. ? To promote a healthy relationship between the aspirant who is looking for a job and the company which requires a talented candidate who will work to the needs of their company or organization. ? To provide mentorship training so that students make a wise choice in selecting their job. ? To boost up employability and self-sufficient activities. ? To provide assurance to students in getting placed at esteemed higher educational Universities and Multinationals. The Practice Placement cell of the college works on the basis of employment means to generate a decent income for the students who are going to work in the reputed group of companies. The cell effectively works for creating better employment opportunities for them in the future. The Career guidance the College ensures to take part in job fairs and gain practical employability skills. During the academic year 19-20 Value Added Programme/ Course have been introduced which covers the following topics such as: Application of MAT Laboratory, CAD Drafting, Data Science and Big Data Analytics, and Revit Architecture. In order to excel in Techniques and Engineering oriented topics, mechanism and protocols are taught. Preparation is supported by a sufficient number of materials. Credit based includes a training programme which adds credit scores to their academic profile. Boosting Communication Skills United Institute of Technology has its Literary Club provides assistance to improve communication skills specially to outshine in the business field. During the sessions, interactive discussions are made with assigning different topics to discuss. Teammates are segregated on a random basis led by a team leader. The objective of the club is to develop fluency, build confidence, conduct mock and practice interview techniques along with the ethics of public speaking. The career guidance of our college works as team with training coordinators to conduct various tests relating to • Verbal ability • Quantitative aptitude • Reasoning Conducting Personal Mock Interviews Personal interviews are conducted to check the confidence level of the student individual so as to provide beforehand experience. While conducting such interviews, candidates are asked to self-introduce themselves before the crowd. Recruitment team has a board of directors to estimate the language and confidence level of the candidate. Followed by a minute of presentation, specific questions related to their enrolled stream will be imposed. Based on the performance the candidates will be selected PRACTICE TESTS Aptitude and verbal checking Proficiency contributes as the most important criteria to check the candidate's reasoning and technical capabilities for the workplace if hired. Mock exams are conducted which concentrate on specific areas like logical reasoning, reasoning, directions, decision making, mathematics and Current affairs. Secondly, Verbal Proficiency tests are conducted to monitor the communicative skills both in writing and speaking. Questions related to Grammar, essay writing and Reports are given. Resume Draft Each candidate is valued at some stage or the other. The professional profile of a candidate which is called the resume is evaluated at various stages. A resume consists of skills acquired, certifications and experience. Students were given a lecture about the importance of drafting a neat and convincing resume. Instructions were given for the same after which students tried their hand at drafting their own resume. Group Discussion Working as a team has a lot of requirements. A few among them are listening, decision making and team management. Group discussions aim at helping the students learn these nuances perfectly. Each team is allotted with a specific topic with a limited time duration. Every candidate gets a chance to put forth their views among the target audience. Teachers rectify mistakes wherever necessary and motivate the students so that they gain the confidence needed to speak boldly. Evidence of Success ? The inferiority and comfort zone to develop themselves as confident individuals who can face the external world with professional Skills acquired and courage. ? The specific initiatives by the

institution paved way for 360 students to get employed in various companies. ? It has benefited especially students who come from a rural background by developing self-sufficient and employability skills. Problems Encountered ? Technical issues encountered during the test uploads due to network and server issues. ? Regular practice is required to appear in the test Best Practices II Title of the practice: Green Campus and clean environment Objectives: • To educate students and staff about environmental problems. • To develop environmental responsibility • To maintain a clean environment • To plant trees for a greenery surrounding • To eradicate usage of plastic Context The world is facing worst environmental problems which affect humans. Environmental pollutants affect the lifestyle and health of people. As noticed, the environment is continuously changing and showing swings of the climate. To control all these changes there is a need to have more and more green spaces. In concern to this, our management have implemented go green policy for the wellbeing of society. The Practice: Our institution has taken several measures to maintain an eco-friendly campus. • To maintain a eco-friendly campus students as centric were encouraged to plant trees in campus. • Environment topper - A special certificate was given to best three students from various departments who actively participated in tree plantation and maintain those trees. • Food wastes from hostel mess and canteen were collected and turned into composites and used as manures for plants and trees • Commuting of bicylces inside the campus was strictly followed. Both faculty and students used bicycle to commute inside the campus. • Rain water was saved maximum during rainy times in water harvesting pit and it was used to water trees and plants. Evidence of success: • During the academic year due to good rainfall the rain water harvest pit was filled. Sufficient level of water helped to maintain trees and plants for six months. • Wastage of water is reduced • Students learned the importance of tree plantation and saving water. The increasing number of participation from students is evident from past year. Hence, the outcomes of the practice have been achieved. Problems encountered: • More number of volunteers were needed • Monitoring the go green practice with a right team was a challenging one.

| Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link |
| --- |
| http://uit.ac.in/naac/iqac/aqar/2019_20 |

## 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

7.3 Institutional Distinctiveness United Institute of Technology renders all the possible support to its students to achieve in their career. A good infrastructure and committed faculty takes carer of the students in every possible way to achieve the vision of the institution. Following the regular syllabus prescribed UIT has taken extra initiatives for every success of its students. An Academic calendar is prepared with academic plans to be followed which are circulated to all the departments. Three Internal assessments are conducted per semester and according to the results of students special attention is given. For slow learners extra coaching for each subject is conducted and the advanced learners are motivated through project based learning and quiz programs to secure more marks. Through IIPC workshops and seminars that are useful for the students are conducted frequently. Trainers and learnt professors from various colleges and industries are brought and are made to train the students. MOU The IIPC of the institution takes the initiative to connect Mou's with industries and create a pathway for the growth of every student. Value Added Courses Value Added Courses are introduced to students to learn engineering techniques. During the year academic year 19-20

VAC like CAD Drafting, Application of MATLAB, Data Science and Big Data Analytics and REVIT Architecture are introduced to the third year and final year students. Well trained faculty handled the sessions. Experts from various fields are invited to share their knowledge and experiences with the students to bridge the gap between the Academia and Industry. After every session feedback forms are collected and according to the feedback received changes are made for continual improvement. As these programs are conducted with an aim to place students in companies and industries. Internships The Institution also offer Internship Programs to facilitate experiential learning that equip students with various practicum opportunities and help them to fulfil the career objectives to determine the best workplace fit for the student individuals. Projects works during their internships helps them to place in reputed companies. During the final year students are sent fpor three months internship programs where they gain practical knowledge and also the nature of work. Students are also placed in the same companies which they have taken internship.

| Provide the weblink of the institution |
|---|
| http://uit.ac.in/naac/iqac/aqar/2019_20 |

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

- Achieving good academic results. - Implementation and practicing of OBE with CO/PO attainments. - Train teaching and Non teaching faculty members on Professional and administrative developments. - TP cell has to place students in core companies. - Experiential learning will be emphasized among students community through Project, placement, internship and placement. - Faculty members will be motivated to register for Ph.D and Postal doctoral degrees. - IQAC will help IIPC to collaborate with many Industries under various activities. - The IQAC will guide and promote students as well as faculty members to register and certify Swayam NPTEL Programs with good grade. - The Institution will initiate to apply for new programs. - Setting up new incubation centers as per the current scenario. - Faculty members will be permitted to undergo workshop organized by leading Industries. - Faculty and Students grievances will be sought out within 15 days from the date of compliant. - Promote more programs under Women's empowerment cell - Will make NSS cell more vibrant to conduct extension and collaborative actives. - To promote research and IPR, seminars/workshops will be organized on associative topics. - To attract meritorious students, insist management to give scholarship to them. - Management will take initiative to collaborate with E-learning platforms to improve teaching-learning process