



**INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)**

Accreditation - (Cycle - 2)

**PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF
UNITED INSTITUTE OF TECHNOLOGY
C-36990**

**Coimbatore
Tamil Nadu
641020**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA**

Section I: GENERAL INFORMATION

1.Name & Address of the institution:	UNITED INSTITUTE OF TECHNOLOGY Coimbatore Tamil Nadu 641020	
2.Year of Establishment	2009	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	6	
Programmes/Course offered:	6	
Permanent Faculty Members:	61	
Permanent Support Staff:	33	
Students:	391	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Green and Clean Campus 2. ISO Certification 3. Primarily serving the semi-urban and rural students	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 04-05-2023 To : 05-05-2023	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. PROF SIDDU P ALGUR	Vice Chancellor,Vijayanagara Sri Krishnadevaraya University
Member Co-ordinator:	DR. BHARAT CHAUDHARI	Professor,MIT WORLD PEACE UNIVERSITY FORMERLY MIT PUNE
Member:	DR. RUTUPARNA PANDA	FormerProfessor,VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY
NAAC Co - ordinator:	Dr. Vishnu Mahesh K R	

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum
1.4	Feedback System

Qualitative analysis of Criterion 1

The curriculum is designed by the affiliating University, i.e. Anna University and institute makes the process of curriculum delivery by preparing lesson plans. The Institute runs 6 UG courses. The institute has designed curriculum delivery policy and a set of procedure for its delivery to help students to develop the graduate attributes.

The institute focuses mainly in academic planning, implementation, providing support, assessment, and evaluation. Class rooms, tutorial rooms, Seminar hall, Drawing hall, Studio hall and laboratories, ICT equipped class rooms are available. Most of the class rooms are provided with appropriate ICT facilities such as LCD Projector. Meetings of the teaching staff are organized to review the academic and extra-curricular aspects. The Institute has 10 acres of land with adequate class rooms, administrative space, playground and student support systems. The Institution also ensures effective implementation of governance, administrative functions, policy guidelines, service rules for employment at all functional level. The academic calendar is made more effective by adding required academic activities. The institute provides academic flexibility by giving electives, providing CBCS and accelerated learning environment. Courses on environmental sustainability, gender sensitivity, professional ethics and human values are part of syllabus.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Student Teacher Ratio
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

The admission to UG courses is carried out through the process of merit cum roaster, by following the rules laid down by the affiliating University and the State Government. The students are admitted through Anna University Counseling and Management quota with the percentage of 65 % and 35 % respectively. Institution takes initiatives to admit students from other states too to cover wide spread geographical area. However efforts can be made to attract more number of students to some programmes.

The Institution conducts orientation programme for freshers after the admission during which they are given insights into the curricular, co-curricular and extracurricular activities of the college. Some efforts are made to identify the slow learners and advanced learners. Efforts are made for experiential learning, participative learning and problem solving methodologies for enhancing learning experiences. Special care is being taken by the institute to encourage slow learners by arranging remedial classes, counseling and by giving home assignments to improve their performance.

Evaluation process framed by the affiliating University is followed by the institute. Continuous evaluation and internal assessment of 20% is practiced on a transparent basis. The college is found to be sensitive to the needs of the students towards their personality development and communication skills. The result, i.e., pass percentage of UG students is satisfactory. The conduct of students satisfaction survey is evident which needs further improvement. However, the understanding of the concepts among these faculty and students needs to be improved.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QIM	Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QIM	Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.
3.4.2 QIM	Awards and recognitions received for extension activities from government / government recognised bodies
3.5	Collaboration

Qualitative analysis of Criterion 3

It is observed that efforts are to be made by the institute to improve the research activity and also prepare and submit research projects to the funding agencies. Presently some faculty of the college are recognized as research guides by affiliating university. Efforts are made to publish research papers in conferences and journals. United Institute of Technology support faculty and students in terms of financial support, resources required for research and developments. Faculty members in association with the students submit project proposals and the R&D Committee approves and permits them to seek financial assistance from the management.

The IQAC of the Institution has made efforts to work towards quality developments. NSS cell of the Institute promotes students to organize functional events associated with Electoral literacy among students and neighboring community. The NSS unit of the Institution conducts awareness camp on Voters' day and organizes campaign on voters' facilitation. The Institute will formalize and take appropriate Initiatives through NSS unit to carry awareness drives. The unit of NSS organized a food sponsor programme in Sri Varahi Manthralayam. This program helps the students to understand and serve on maintaining humanity. NSS wing also organizes Swachhata in association with Rotary Coimbatore Elite and it enlightened the importance of cleanliness. Other activities like Clean and Plastic free environments were conducted in the nearby communities. The Institute MoUs are signed with various Industries where a wide range of choices from the companies popup so that the students get to know about opportunities in the companies and field Work.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library
4.3	IT Infrastructure
4.3.1 QIM	Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection
4.4	Maintenance of Campus Infrastructure

Qualitative analysis of Criterion 4

The Institute is situated in the harmonious atmosphere on the Coimbatore-Ooty-Gundulpet highway with a peaceful eco-friendly environment in a sprawling 10 acre campus with lush green campus. Efforts are made to implement the Institutional perspective and strategic plan.

The college has adequate classrooms, enough administrative space and laboratories with required software for UG Programmes. 18 class rooms, 5 tutorial rooms Seminar hall, Drawing hall, Studio hall and laboratories, ICT equipped class rooms are available. Class rooms are provided with appropriate ICT Facilities such as LCD Projector, Internet Connectivity with Good Bandwidth of 200 Mbps, audio facility with storage and cloud capabilities. All the Departments are provided with adequate computers and accessories to carry out academic activities for the students and faculty. The entire campus is powered with 24x7 and 26 Wi-Fi access points. The library of the college is facilitated MODERN LIB (Version 2.0) software.

The library contains 11500 titles and 53700 volumes and can accommodate 150 students at a time. Efforts are made to create department libraries and were maintained by the faculty-in-charges.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.4	Alumni Engagement
5.4.1 QIM	There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Qualitative analysis of Criterion 5

The Student Council is active and functional and council meetings are conducted regularly. The student council meets and discusses the activities of the institute, grievances in academic and administrative matters. The head of the Grievance redressal committee will review grievance and provide remedial measures within fifteen days. Provisions are given in the Institution website for grievance submission. Institute promote students in sports and cultural activities. Nearly 55 students received awards/medals for outstanding performance in sports/ cultural activities at university/state/national level.

The Anti Ragging committee monitors the discipline of students. The committee functions as per the UGC guidelines. Institute has registered an alumni association under Section 10 of the Tamil Nadu Societies Registration act 1975, Sl.no. 140/2014. The alumni meetings are conducted on a regular basis. Selected alumni participated in the ongoing academic activities such as teaching, workshops, conference events, personality development, and placements. The institution can make the alumni association more effective by active participation and involving more number of registered members.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance
6.2	Strategy Development and Deployment
6.2.1 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)
6.5	Internal Quality Assurance System
6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Qualitative analysis of Criterion 6

Vision and Mission are displayed on website and at appropriate places within the campus. The institute has an active management and is involved in day to day administration. The institute translates its vision through effective teaching learning process and transferring of knowledge to students through classroom teaching, extension and project based learning. Academic and Administrative audits are conducted for reviewing the quality and effectiveness of academic and administrative processes.

Ecological sustainability is thrust drive of the college and the institution has installed 10 solar panels each of 250 Watts to generate electricity of 2500 Watts that can be used in classrooms, offices, and even hostels. The institution has installed solar street lights on campus and lamps in hostels. LED bulbs are used inside institute buildings.

The institute also has de-centralized governance system and it provides autonomy to departments and other units and committees of the college. The IQAC cell has constituted a team comprising of experienced faculty members for conducting Internal Academic audit. The members of the academic audit team will visit the departments to verify the various academic and allied documents such as course files, log book, academic calendar, lecture plan, result analysis and so on. The team submits the audit report to the IQAC cell and to the head of the Institution as well as to the dept. too. This audit process greatly helps the department and the Institution to maintain the documents in time as well as it aid for further improvements. The college follows Outcome Based Education (OBE) through IQAC. POs are standard and COs are defined by the affiliating university. The faculty constructs COs based on course content and map corresponding PO using articulation matrix value as Low (1), Moderate (2) or High (3) and calculating weighted average for each PO, as threshold value. COs gives resultant knowledge and skills which the students acquire at the end of each course.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years
7.1.4 QIM	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)
7.2	Best Practices
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual
7.3	Institutional Distinctiveness
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7

The institute organizes gender equality programmes. The Institution has facilities and initiatives for alternate sources of energy and energy conservation measures such as Management of the various types of degradable and non-degradable waste, Water conservation, green campus initiatives and Quality audits on environment and energy are undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the Green audit, Environment audit, Energy audit, Clean and green campus initiatives and beyond the campus environmental promotion activities. The Women's empowerment Cell will take care of any misconduct by a person in authority and belonging to one gender which denies equal opportunity in pursuit of career development or making the environment at workplace hostile or intimidating to a person belonging to fairer sex. The college has moderate safety and security measures for the students. Entry in the institute premises is allowed only with valid ID cards. CCTV cameras are installed at sensitive locations.

The waste material in the institute is segregated into biodegradable and non-biodegradable waste. The institute advises students not to use plastic. Plastic and other non-biodegradable waste is collected by local municipality in regular intervals. Students were given a place and time to plant trees inside the campus. The NSS unit of the institution headed the initiative. Students are encouraged to take care of the plants planted till

their journey in the institution and hand over the responsibility to the juniors when they leave the campus.

Section III: OVERALL ANALYSIS based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC) (up to 500 words)

Overall Analysis

Strength:

Good physical infrastructure with well-equipped laboratories, classrooms, adequate computing facilities and hostels.

Academic processes are OBE based.

Committed faculty, non-teaching staff and management.

Good campus placements.

Good support for extra and co-curricular activities.

Green, serene and safe campus conducive to academic pursuits.

Weaknesses:

Few faculties with Ph.D. qualifications.

Limited R & D and research activities.

Not supported by Government grants.

Less number of senior faculty.

Opportunities:

More employment for the students on and off campus with good CTC.

Create a research culture and fetch the funding through projects and consultancy.

Boost the motivation and expertise of the young faculty to take the institution to scale new heights.

Opportunities to undertake innovation and entrepreneurial activities.

Opportunity to implement National Educational Policy 2020 in letter and spirit.

To enforce internal and external collaborations with the industry and the institutes of repute.

Challenges:

Enhancing communication skills among the students belonging to rural background.

Attract a quality faculty and students in large numbers.

Motivating faculty to carryout quality publications in peer reviewed international journals.

Maintaining a competitive edge with other similar nearby institutions.

Promoting students to register for higher education.

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- To motivate and encourage the faculty members to pursue Ph.D., and to go for research publications in international journals of repute.
- Faculty be motivated to get involved in R & D activities and to attract more funding from agencies like DST/CSIR/ISRO/DRDO/BRNS/AICTE, etc.
- Encourage the stake holders to keep pace with the fast technological developments.
- OBE practices should be strengthened for achieving the good quality education.
- Placements of the students needs to be enhanced with good CTC.
- Alumni needs to be engaged in a more effective and tangible way.
- Encourage more entrepreneurship/project management skills among the students.
- Institute must sign MoUs with some peer national/international institutions of repute.
- Consultancy policy needs to be framed and more faculty be encouraged to engage themselves in consultancy services.
- The institution should frame the plans to provide incentives to faculties who receive state/national/international recognitions/awards

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. PROF SIDDU P ALGUR	Chairperson	
2	DR. BHARAT CHAUDHARI	Member Co-ordinator	
3	DR. RUTUPARNA PANDA	Member	
4	Dr. Vishnu Mahesh K R	NAAC Co - ordinator	

Place

Date