



6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

The IQAC is entrusted to monitor the periodic progress and ensure the implementation.

Curricular Aspects:

CUTM believes in skill based education and accordingly syllabus is prepared with more emphasis on lab and practice based teaching followed by student-projects with visible outcome (based on OBE) like production of 3-D printers, Transformers, E-Vehicles, Drones etc. This was enabled by the introduction of 'domain based teaching'.

Keeping pace with changing technology, the syllabus is revised in consultation with experts from Industry and academia. During the pandemic, the optimal use of ICT in the teaching learning process has yielded encouraging outcome like online teaching and evaluation. The University has introduced a system of examination-on-demand (EOD) to facilitate on-time completion of courses by the students.

A number of cross-disciplinary, industry relevant and innovative Research Centers (RCs) have been initiated, which have led to increased publications, patents and products. CUTM received international grants from UTFORSK, Norway; AAGS, DAP, Australia; GAP Foundation.

Administrative Aspects:

In tune with the revised curriculum, and research policy, the requisite infrastructure was created. The existing Wi-Fi bandwidth has been upgraded. Libraries have been fully digitised and made user-friendly. Laboratories are equipped with computers, sophisticated equipment and licenced software. University has created a Multi-disciplinary High-performance Super Computing Lab (with PARAM Shavak) using Dassault Systems.

To support the needy and meritorious students, CUTM has floated a number of scholarships. To improve employability, the University has strengthened its training and placement department. The job readiness is taught as a part of the syllabus which has resulted in an all-time high placement in 2021-22.

The University has made an inroad into the international arena and has enrolled 56 students from 9 different countries from Asia and Africa.

MoAs have been signed with various colleges and universities to implement skill courses and collaborations have been made with industry partners.

Multi-stakeholder programs have been implemented (TOT for Anganwadi workers, Training on Renewable Energy, etc). Respecting diversity (gender, disability, minority, etc) is integral to the University's ethos.

Sustainability Aspects:

From the outset, sustainability is at the core of all the University does. In creating wealth from waste- food waste, water waste, plastic waste, waste paper and waste fabric is recycled to vermicompost, watering the grounds, paver blocks and handmade paper. The University in an attempt to protect biodiversity has created a Bee, Butterfly and Cactus garden to which it has recently added Ornamental fish. It firmly believes in in-sourcing, engaging its alumni in large numbers. To create backward linkages to tribal farmers, it procures spices for value addition. Farmers are also given package of practices and closely supported to cultivate low glycemic index rice with a buy back arrangement. The living culture of the Saura community is provided a home in the tribal village in the University.

Collaboration with Government:

The University works closely with GoO to provide a PGD in Financial Management to its newly qualified OFS officers.

At the district level too collaborations have led to the use of facilities and trainers for training (fisheries, agriculture, etc).