

BRIEF HISTORY AND CURRENT STATUS



The Institute of Chemical Technology (ICT), Mumbai is a unique Institute which was established on 1st October 1933 as a University Department of the Bombay University (UDCT), which has created its own brand over the years. Under the TEQIP it was granted full autonomous status in 2004 and declared as Deemed-to-be University on September 12, 2008 by the MHRD under Section 3 of the UGC Act of 1956. It was granted an Elite Status and Centre of Excellence on par with IITs, IISc and IISERs in the State Assembly on April 20, 2012 by the Maharashtra Govt. based on its stellar performance on par with institutes of national importance.

ICT, Mumbai is housed on 16 acres in Mumbai and is running 9 UG (Chemical Engineering; 7 branches of Chemical Technology; 1 Pharmacy), 18 PG (9 inter-disciplinary) and 29 Ph D programmes (11 interdisciplinary), 1 PG Diploma in Chemical Technology Management for doctoral students and 1 PG Certificate Course in Chemical Safety and Risk Management for all Masters students. ICT is governed according to special Statutes which go beyond Deemed University concept as approved by the State.

In a historic decision on February 12, 2008, the University Grants Commission has declared Category I Deemed to be University status to ICT

which has maintained high academic standards (NAAC grade of A++ CGPA 3.77 out of 4).

On 9 March 2021, Institute of Chemical Technology has been ranked 101 in the 2021 Times Higher Education Emerging Economies University Rankings.

In 2022 QS Asia ranking, ICT has been ranked at 183 University.

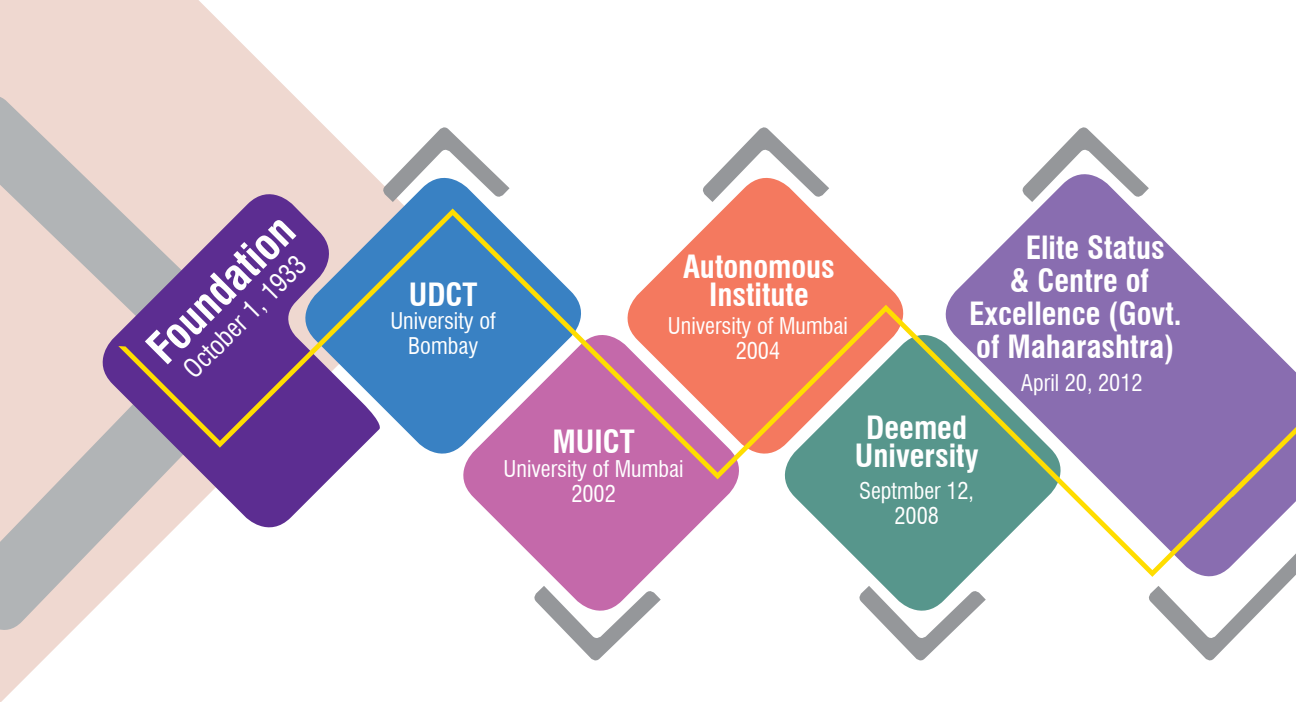
Web of Science shows that ICT is number one under Category normalized citation impact of 0.98.

ICT was ranked 14th at University level, 28th Overall, 25th as Research Institute, 7th in Pharma, 18th in Engineering in July 2022 by NIRF.

ICT has been ranked 6th in the category of Government aided University among all major higher educational institutions and universities in India during e-Award Ceremony of Atal Ranking of Institutions on Innovation Achievements (ARIIA) Rankings 2021.

Here are some notable awards received by the ICT faculty during 2022 :

The survey carried out by Research.com ranked Professor A.B. Pandit as the number ONE scientist in India in area of Engineering and Technology, closely followed by Professor Parag Gogate at number TWO and Professor J.B. Joshi at number FOUR in March, 2022. These rankings are based



on a thorough study of the h-index, publications and citations values of over 10,785 scientists from Google Scholar and Microsoft Academic Graph. <https://research.com/scientists-rankings/engineering-and-technology/in>

S4S technologies Pvt. Ltd, promoted by 4 ICTians led by Dr, Vaibhav Tidke and ably supported and promoted by Professor Bhaskar N. Thorat, Professor of Chemical Engineering, Dept of Chemical Engineering, has bagged this year's "Zayed Sustainability Award" on 21st January, 2022. The award consists of 6,00,000 USD (Six Lakh US dollars). Out of 4000 total entries from 151 countries, S4S Technologies was the winner from amongst 1201 entries in Food Sector.

In February 2022, Padma Shree Professor G.D. Yadav, former Vice Chancellor has been elected to the US National Academy of Engineering: For research, innovation, and education in green chemistry, catalysis, nanotechnology, and chemical engineering leading to clean and green technologies.

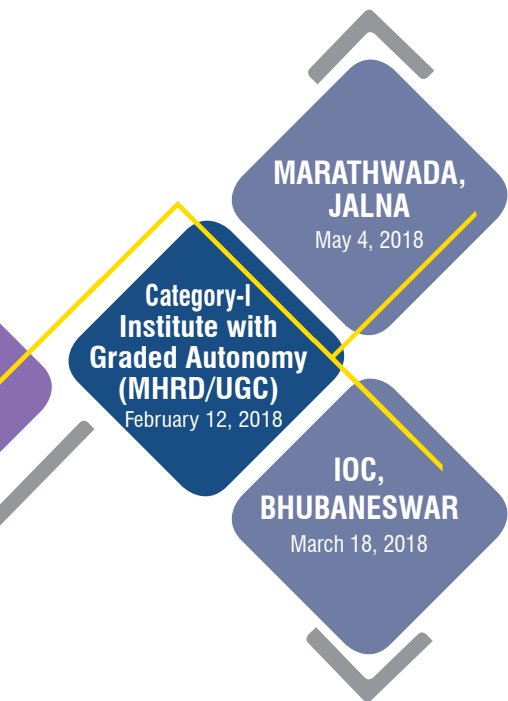
Professor G.D. Yadav has been selected as the National Science Chair (Mode 1) by the Science and Engineering Research Board (SERB) of the DST, Govt of India, for the period of 3 years.

Dr. Prajakta Danadekar Jain, Department of Pharmaceutical Sciences and Technology has been selected for the award "Savitribai Phule Stree Gaurav Puraskar" instituted by the Maharashtra Seva Sangh at Mulund, Mumbai on 30th April, 2022.

Dr. Prajakta Dandekar-Jain from Department of Pharmaceutical Sciences and Technology received "Uncha Maza Zoka" award from Z Marathi for her research in pharmaceutical biotechnology in August, 2022.

In July, 2022, Padmabhushan Professor J.B. Joshi has published more than 100 research papers in the premium journal, Chemical Engineering Science. This is a very unique distinction and Honour received by Professor J.B. Joshi. He is only a second author in the history of the journal to have a century of publications to his credit. On this occasion, a virtual special issue commemorating & celebrating this achievement titled "Century in CES" will be published by the journal Chemical Engineering Science to coincide with the upcoming GLS conference in Canada.

Professor Uday S. Annapure, Director, ICT-MAJ has been conferred with Shri Somalal Vyas - SEA Innovation Award 2022 by The Solvent Extractors'



Association of India in collaboration with FoodTech Pathshala. This Award is for his successful innovative approach to “Designing of the process for the intensified synthesis of triglyceride of octanoic acid with an application of sonication and evaluation of frying characteristics of octanoic acid” in September, 2022.

ICC-K.V. Mariwala Award for Effective Chemical Industry-Academia Partnership for the year 2021 has been presented to ICT in September, 2022.

Accolades and Honours

- Three campuses from 2018-19
- 3 Padma Vibhushan, 8 Padma Bhushan, 8 Padma Shri awardees; 2 Fellows of Royal Society (among 5 engineers from India); Several Fellowships- FNA, FNASc, FNAE, FRSC, FTWAS, MUSAE.
- Over 500 first generation entrepreneurs, some owners of Fortune 500 Companies;
- 640 ongoing Ph D Students
- Masters (331 First Year +225 Second Year)
- 360 UG Scholarship
- 145 Ph Ds during 9th Convocation (virtual) on September 2, 2020
- 100+ UG Summer Researcher Fellows
- Highest citation per faculty

- Annual citations more than 10,000
- SCOPUS Awards: 4 faculty in top 10 Chem Engg and 2 in top Chemistry faculty in India: 20th March 2018
- 6 Fellows of INSA, 4 Fellows of TWAS, 3 JC Bose Fellows
- 23 Endowment Chairs; 15 UGCFR, 8 INSPIRE, 2 Ramanujam, 2 Ramalingaswami fellows
- 49 Endowment Visiting Fellowships; 11 endowments for library
- India’s first five Ph Ds in Engineering and from ICT in 1941-42
- 406 Patents filed in last 10 years and more than 400 international publications /year.
- 104 Projects including those from multinational industries; highest Publications/faculty
- Many technologies transferred to industry
- Highest number of Prime Ministers Ph.D. Fellowships ■