

DEPARTMENT OF CHEMISTRY

www.utu.ac.in/dchemistry/index.html



About Department of Chemistry

Chemistry is the central science that can be related to all other fields of science and technology. The Department aims to be the best provider of chemical education within the Southern Gujarat region and to be a leader in research, publications and scholastic excellence. We are committed to providing a stimulating learning environment for our students, courses that are relevant and an experience that is world-class whether judged by local or international standards.

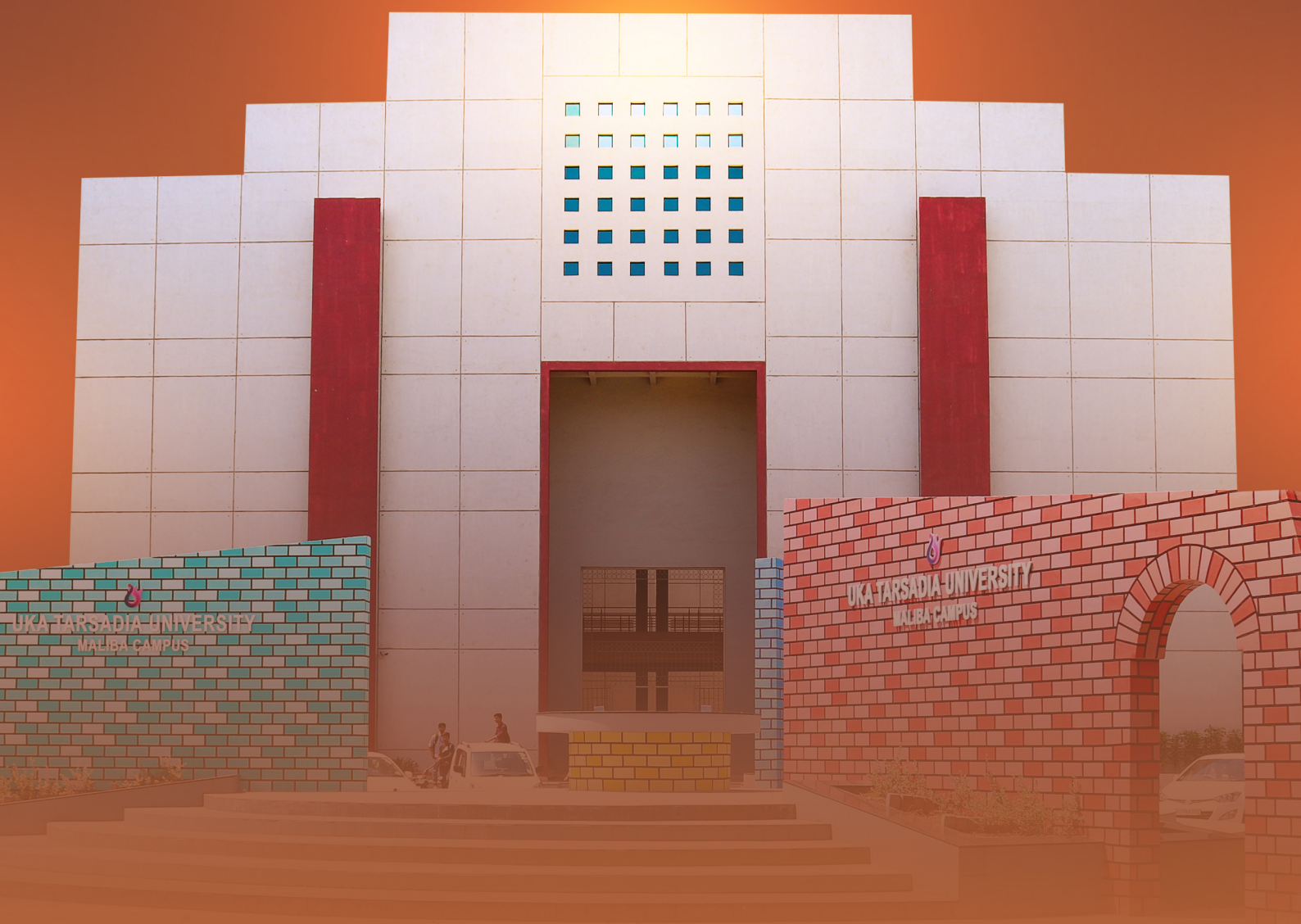


Better things for
better living through

CHEMISTRY

Achievements

- International level referred research journal is published every year (UGC recommend).
- Students won many state and national level events/ competitions.
- Organized national Conference on theme of Chemistry through help of reputed Society/organizations (RSC, ISCB, ICC, GSBTM).
- Students and Faculty got exposure of South Korea, South Africa, New Zealand, Belgium, Canada, Germany, etc. to pursue certification course and excursion tour.
- Students cleared NET examination conducted by NTA (UGC-CSIR).
- Students are received out door achievements by their performance in extra co-curriculum activities.



Programme Highlights

| PROGR AMME | BRANCHES | DURA TION | ELIGIBILITY | CAREER PROSPECTS |
|--------------------------|----------------------------------|--------------|---|---|
| B.Sc. | Chemistry | 3 | Passed Std. 12th with Science stream | Chemistry students finds numerous career opportunities in industries (viz. Dyestuff, Textiles, petroleum, agricultural products, pharmaceutical, food, fertilizers, cosmetics, aromatic products, pulp, paper, rubber, plastics, , metal, cement and many more.), public works departments (water treatment, sanitary and sewage treatment plants),marketing and sales (chemicals and its products), military(food scientist, ordinance factory), Industrial QA, QC, R&D and Production departments, Central and state government (Chemical industries, ISRO, DRDO, BARC, Public services, Oceanography, forensic science, biotechnology, geochemistry, etc.); Student can opt for other interdisciplinary studies viz. B.Ed, MSc, MCA, etc. |
| Integr- ated M.Sc. | Chemistry | 5 | Passed Std. 12th with Science stream | Chemistry students finds numerous career opportunities in industries (viz. Dyestuff, Textiles, petroleum, agricultural products, pharmaceutical, food, fertilizers, cosmetics, aromatic products, pulp, paper, rubber, plastics, , metal, cement and many more.), public works departments (water treatment, sanitary and sewage treatment plants),marketing and sales (chemicals and its products), military(food scientist, ordinance factory), Industrial QA, QC, R&D and Production departments, teaching field (Schools/colleges/Universities), Central and state government (Chemical industries, ISRO, DRDO, BARC, Public services, Oceanography, forensic science, biotechnology, geochemistry, etc.); Student can opt for other higher studies viz. Ph.D etc. |
| M.Sc. | Organic Chemistry | 2 | B.Sc. Chemistry or its equivalent | Chemistry students finds numerous career opportunities in industries (viz. Dyestuff, Textiles, petroleum, agricultural products, pharmaceutical, food, fertilizers, cosmetics, aromatic products, pulp, paper, rubber, plastics, , metal, cement and many more.), public works departments (water treatment, sanitary and sewage treatment plants),marketing and sales (chemicals and its products), military(food scientist, ordinance factory), Industrial QA, QC, R&D and Production departments, teaching field (Schools/colleges/Universities), Central and state government (Chemical industries, ISRO, DRDO, BARC, Public services, Oceanography, forensic science, biotechnology, geochemistry, etc.); ; Student can opt for other higher studies viz. Ph.D etc. |
| | Pharma- ceutical Chemistry | 2 | B.Sc. Chemistry/ Biochemistry/ Biot- echnology /Micro- biology /Genetics/ Medical Technology or B.Pharm | |
| | Analytical Chemistry | 2 | B.Sc. Chemistry/Bio- chemistry/Biotech- nology/Microbio- logy/Genetics/med- ical Technology or BE Chemical Engg. Or B.Pharm | |
| M.Sc. | Industrial Chemistry | 2 | B.Sc. Chemistry or BE (Chemical Engg) or B.Pharm | Teaching and Coaching, Research, Fitness Industry. Fitness instructors, Sport Psychologist, Sport Marketer, Sport Administrator, Exercise Physiologist, Sport Scientist. Sports Industry, Rehabilitation Centres. |
| Ph.D. | Chemistry | - | Any stream of Ch- emistry or related to Chemistry | Career Prospects are related to chosen stream of research |

Procedure for Admission

For B.Sc/Int. M.Sc/M.Sc : Fill up the admission form (online/offline) available at Uka Tarsadia University office with prescribed fees. Attach self-attested copies of original documents with one passport size photograph. Present original documents for verification at the time of admission.

For Ph.D. : Through University entrance exam or self-funding source or resource of any funded project.



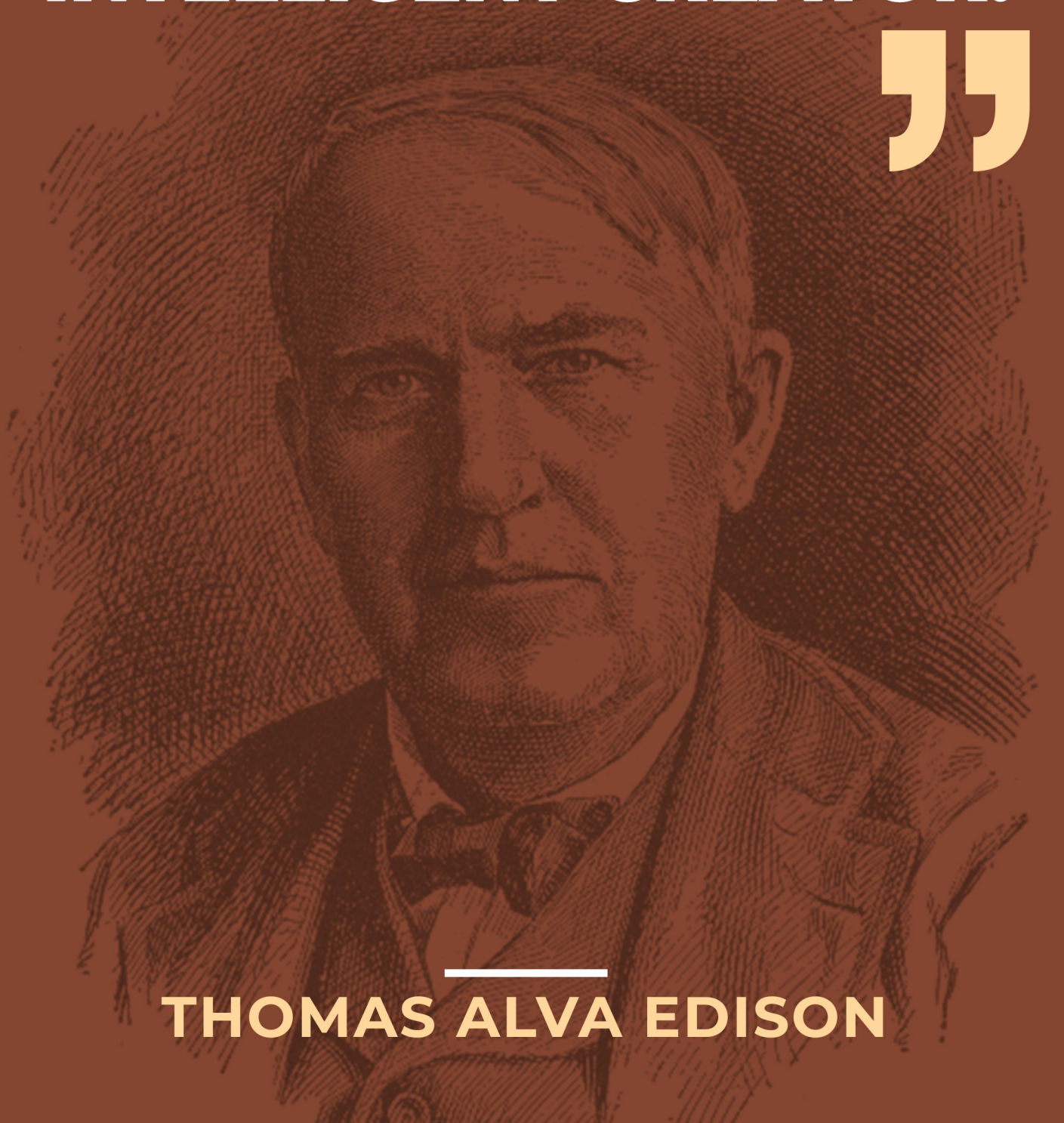
Key Features

- Student centric Teaching methodology for development of future Chemist through projects, seminars, presentation, role play, group discussion and experiential learning.
- The Department has well equipped laboratories in the fields of Inorganic chemistry, Organic Chemistry, Physical Chemistry, Pharmaceutical Chemistry and R&D lab.
- Highly Qualified and Experienced faculties from their respective subject area with passion for Innovative teaching
- Lectures will be delivered with both Chalk & Talk and LCD projector.
- Teaching materials will be provided for ready reference in all subjects.
- Well-equipped ultra-modern R&D lab.
- Well-equipped ultra-modern laboratories with the latest Instruments in campus viz. UV Spectrophotometer, HPLC, HPTLC, GC, FTIR, Rotary Evaporator.
- Computer lab including free Wi-Fi Internet connectivity all over the campus
- Advanced Library with pleasant and peaceful atmosphere
- Separate Boys & Girls Hostel and Counseling Facility
- 100% Placement opportunities
- Transportation facilities from major cities of south Gujarat region like Surat, Navsari, Billimora, Valsad and Bardoli.
- Syllabus is prepared with the suggestion from academicians, industrial people.
- Frequently organizing workshop, seminars, expert talks, events and Industrial visits
- Personal student counseling
- Separate Training and Placement cell for excellent job opportunity.

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**I BELIEVE THAT THE
SCIENCE OF CHEMISTRY
ALONE ALMOST PROVES
THE EXISTENCE OF AN
INTELLIGENT CREATOR.**

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THOMAS ALVA EDISON

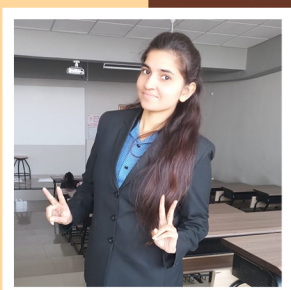
Testimonials



Hardik Rajesh Suryavanshi

Integrated M.Sc. (Analytical Chemistry)

Department of Chemistry is a place of learning, fun, culture, lore, literature and many of extra curriculum activities. It gave me an opportunity to meet different kind of people and learn a number of things. I have received a great support from faculties & placement office. I am thankful to Training & Placement cell for providing a platform to enhance my skills and an opportunity to showcase them.



Archana B. Savanur

M.Sc. (Pharmaceutical chemistry)

Joined at Department of Chemistry gives me a immerse pleasure and learn experimental as well theoretical phenomena's. Think Different, that is one thing that Chemistry urges in and to far extent succeed in teaching to its students which consistently helps to achieve what you need.



Korat Jignal Pareshbhai

Integrated M.Sc.(Organic Chemistry)

I am very glad to share a positive journey of Int. M.Sc. at Department of Chemistry. The motivation and knowledge gathering sources are uncountable. Full pledged faculty and learning hubs are very helpful to students to success. All the faculties are enthusiastic and always ready to help.



Saurav Mukeshbhai Patel

M.Sc. (Industrial Chemistry)

Chemistry department is not just provides us with various platforms to showcase our abilities and skill but also helps us to learn all soft skills that are highly required. In that interface many things were new for us like to see production on bulk level, different technologies which are being using in company etc. Before this we had no idea that how these things happened. I am thankful to Department of Chemistry and T&P cell for made this type of sessions for us. Also my sincere thanks to Uka Tarsadia University and our faculty members who supporting for my success and tried to give us theoretical/practical knowledge by this industrial exposure.



OUR RECRUTERS





UKA TARSADIA university

Imparting Knowledge. Awakening Wisdom. Transforming Lives.

ACCREDITED WITH B+ 2.74 GRADE
BY NAAC, GOVT. OF INDIA

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