



INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI MARATHWADA CAMPUS, JALNA

Category I Deemed to be University (MHRD/UGC)
First Elite Status and Centre of Excellence-Govt. of Maharashtra
A++ Grade by NAAC (CGPA 3.77)

PLACEMENT BROCHURE 2021-2022



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MESSAGE FROM VICE CHANCELLOR

Prof. Aniruddha B. Pandit

Vice Chancellor, ICT Mumbai
FNA, FTWAS, FASc, FNAE, FNASc, FMASc
J. C. Bose National Fellow, Govt. of India.



“ ICT is committed to evolving a sustainable ecosystem for the generation of new ideas to find simple implementable solutions to the industrial, agricultural and in general societal problems ”

The Institute of Chemical Technology (ICT) Mumbai is unique. It was established on 1st October 1933 as a University Department of the Bombay University (UDCT), completing 87 years of glorious past.

Industry's role in promoting education and research at ICT has its roots in its foundation. Leading magnates from the Textile and Chemicals industry and Philanthropists donated funds to construct the current institute building and to establish academic positions and laboratories right from the beginning. Research started from the inception, keeping faculty organically linked to the development Of the industry. This tradition continues and has been thriving even now.

ICT has created its brand over the years, which several prestigious awards and accolades have recognized to the faculty, students, and the alumni individually and as the Institute. The latest is the Nationally First Position in Atal Ranking of Institutions on Innovation Achievements (ARIIA) Ranking, recognizing the relevant engineering innovation in teaching, research, industrial, and socially relevant engineering solutions. ICT was bestowed an Elite Status and Centre of Excellence on par with IIT, IISc and IISER in the State Assembly on 20th April 2012, by the Maharashtra Govt. The research work carried out by the faculty, the students, and the support staff have resulted in over 450 publications every year in International Journals and more than 350 Patents over the past ten years.

We highly value our partnership with the academic and industrial recruiters, alumni, and friends of ICT Mumbai and remain committed to making your recruiting experience productive and positive. I invite the recruiting organizations and graduating students to find the best match between their needs and capabilities. And assure the recruiters on behalf of ICT that our students will always try to exceed their expectations.

MESSAGE FROM DIRECTOR

Prof. Uday S. Annapure

Director, ICT Mumbai, Marathwada Campus, Jalna
B. Tech., M. Sc. (Tech.), PhD. (Tech.), MASC Fellow,
BOYSCAST Fellow



The genesis of ICT Mumbai (earlier known as UDCT) shows that it was born with the desire of Industry way back in 1933. History repeats! Industry and UDCT Alumni from the Jalna Aurangabad region approached the State government and the Vice-chancellor expressing their wish to have ICT off-campus in their region. Honorable Chief Minister Devendraji Phadanvis announced in the 5th Convocation of ICT on 3rd March 2016 that the State Government wants to support ICT, Mumbai to open a sub-center in the Marathwada region, and in a record time of 14 months the government allotted 203-acre land at Siraswadi, Jalna on 12th May 2017 and Bhoomi pooja took place in the hands of the Chief Minister on 4th May 2018. Under the able leadership of visionary personality, Padma Shri Prof. G.D. Yadav, Vice-chancellor ICT, an innovative program integrated M.Tech. in Chemical Engineering major with some chemical technologies as the minor degree was designed. The first batch admission was announced for the academic year 2019-20 (intake 60). On 28th August 2018, Padma Vibhushan Prof. M.M. Sharma delivered the inaugural lecture, an overview of global scenario, history, and role of Chemistry in day-to-day life, and the academic year started in full swing at the Jalna Campus. Currently, the campus is set up at rented premises of Beej Sheetal in the MIDC area and Hostel facilities are in the city in Tejomay housing society, rented flats.

In addition to the packed syllabus for academics, there is a lot to take home for the students. Pep talks by Industry experts, seminars by academicians, visit by senior faculty from ICT Mumbai, video conferencing with foreign scientists is a regular feature at the Jalna campus popularly abbreviated as MARJ. Co-curricular activities involve celebrations of Teachers' day, National Science day, etc. Students take a lead in organizing cultural events, sports Dhamaka. Also, Science Quiz and competitions on Industry Defined Problems (IDP) are very popular activities where other college students also participate. A large number of factory visits at the beginning of the trimester is a routine feature.

A Local Advisory Committee is in place to guide as well as assist to overcome local problems if any. A good library and e-library, outdoor sports facilities are set up along with other facilities such as a gym, mess, and canteen. A bimonthly e-newsletter Margjal is published regularly to capture happenings at the Jalna campus and also to give opportunity for the creativity of students. Over a dozen Tutor, cum Research Associates have joined and registered for a Doctorate and thus research culture of ICT is set in.

My dear prospective students and parents, I look forward to having you enrolled for various programs offered at MARJ and assure you that after 5 years you will pat your own back for making the right decision of getting admission to ICT Jalna Campus. My best wishes to all!

FACULTY PROFILES

“BEST FACULTY WITH WORLD CLASS SCHOLARS”

ICT Marj faculty and scholars lead research and studies on innovative convergence technologies, earning global recognition for their achievements in science and technology and inspiring students to transform their creativity into discovery.

Regular Faculty



Prof. Uday S. Annapure

B. Tech., M. Sc. (Tech.), PhD. (Tech.), MASC Fellow, BOYSCAST Fellow

Director, ICT Mumbai, Marathwada Campus, Jalna
Professor of Food Chemistry

Research Area:

Extrusion processing, Non-thermal processing of food- cold plasma processing, Carbohydrate chemistry and Technology- Plant gums, Traditional foods, Nutraceuticals, Fermentative production, Downstream processing of industrially important secondary metabolites

Dr. Parag R. Nemade

B. Chem. Engg., M. S., PhD. (University of Colorado), CRISP Fellow, Newton-Bhabha Fellow

Deputy Director, ICT Mumbai, Marathwada Campus, Jalna
UGC Assistant Professor

Research Area:

Membrane separation process, Development of new polymeric and graphene-based materials from membranes Catalyst, Sensors application, Sustainability engineering in areas such as sustainable sanitation development of new applications for industrial waste, etc.



Mr. Sharad Lahoti

B. Sc., M.B.A., L.L.B.

Associate Dean Industry

Research Area:

Financial management in enterprises, Psychology, Financial management and project finance

Dr. Girish M. Joshi

B. Sc. (Physics), M. Sc. (Physics), PhD., B. Ed., MASC
Fellow, ICS Fellow

Associate Professor of Engineering Physics and Materials
Visiting scientist UCLM, Spain

Research Area:

Polymer nanocomposites, Blends, Graphene oxide quantum dots,
Battery electrolytes, Tribology and thermal conductivity, Plasma
treated surface modification



Dr. Manoj B. Gawande

M. Sc, PhD. (Chemistry), FICS, FMASc, FRSC, Docent(habil.), Palacky
University, Olomouc, FCT Fellow

Associate Professor of Chemistry
Visiting Professor, RCPTM, CATRIN-Palacky University, Czech Republic

Research Area:

Nanotechnology, Nanocatalysis, Sustainable organic
transformations, Single-atom catalysts, Environmental remediation,
and energy

Dr. Manoj Kumar Jadhao

B. Sc. (Chem.), M.Sc. (Analytical Chem.), PhD. (Physical Chemistry),
DST-SERB N-PDF Fellow

Assistant Professor of Advanced Instrumentation

Research Area:

Protein aggregation phytochemicals isolation



Dr. Sandeep Bhairat

B. Sc. (Mathematics), M. Sc. (Applied Mathematics),
PhD. (Applied Mathematics)

**Assistant Professor of Engineering Mathematics and Computer
Science**

Research Area:

Qualitative study of fractional differential equation, Integral
inequalities, Mathematical modelling and numerical simulation

Dr. Kapil Sagrolkar

B. A. (English, History and Public Administration), M. A. (English),
PhD. (English/Interdisciplinary), ICSSR Institutional Doctoral Fellow

**Assistant Professor of Communication Skills
and Humanities (English)**

Research Area:

English literature, Oral narratives, Women studies, Bhasha literature,
Cultural studies



Dr. Nagsen Meshram

B. Sc. (Physics, Chemistry, Mathematics), M. Sc. (Physics),
PhD. (Material Science)

Assistant Professor of Applied Physics

Research Area:

Photo electrocatalyses, Photovoltaics, Nano materials synthesis, Thin
films, 2-D materials



Dr. Somen Mondal

B. Sc. (Chemistry), M. Sc. (Physical Chemistry), PhD. (Chemistry),
Newton International Fellow, PBC Fellow, GTEP Fellow, DST-SERB N-PDF Fellow

Assistant Professor of Physical Chemistry

Research Area:

Ultrafast spectroscopy, Photo-induced electron transfer and proton
transfer dynamics, Conductive biopolymer for optoelectronic devices



Dr. Debashis Kundu

B. Tech. (Chemical Engineering), M. Tech. (Chemical Engineering),
PhD. (Chemical Engineering)

Assistant Professor of Chemical Engineering

Research Area:

Molecular dynamics simulation, Phase equilibrium, Hydrogel,
Hydrogen energy



Dr. Saurav Raj

B. Sc. (Electrical and Electronics Engineering),
PhD. (Electrical Engineering)

Assistant Professor of Electrical Engineering

Research Area:

Power systems optimisation, FACTS devices, Renewable energy,
Distributed generation, Swarm and evolutionary optimisation
techniques



Dr. Joyita Sarkar

B. Sc. (Microbiology(Hons.)), M. Sc. (Biotechnology),
PhD. (Biological Sciences and Bioengineering), CSIR NET-SRF

Assistant Professor of Biochemical Engineering

Research Area:

Biomaterials: effect of mechanical properties of 3-D scaffolds, 3-D
bioprinting, Drug metabolism and toxicity: 3-D cell culture system
for high throughput studies, Tissue engineering and cancer
nano- theranostics



Contractual Faculty

Dr. Atul H. Bari

B. Tech. (Chemical Engineering), M. Tech. (Chemical Engineering),
PhD. (Chemical Engineering), DST-SERB N-PDF Fellow

Assistant Professor of Petrochemical Engineering

Research Area:

Mathematical modelling and simulation, Crystallization, Nanomaterials synthesis, Continuous flow synthesis, Chemical kinetics



Dr. Navnath Hatvate

M. Pharm., PhD. (Pharmaceutical Chemistry)

Assistant Professor of Pharmaceutical Technology

Research Area:

Drug design and development, Development of novel methodologies for the synthesis of API's and It's Intermediates, Process chemistry

Dr. Sandhya Shewale

M.Sc. (Food Technology), PhD. (Engineering Sciences),
DST-INSPIRE Fellow, CSIR NET-JRF

Assistant Professor of Food Technology

Research Area:

Electromagnetic radiation based processing of foods, Low humidity air drying, Innovative combinational drying technologies, Minimal processing of foods, Light-based processing, Non-thermal processing of foods



Dr. SAMEENA MALIK

B. Tech. (Chem.), PhD. (Tech.) (IIT Bombay), PMRF Fellow

Assistant Professor of Chemical Engineering
Visiting research scholar at Winsdor University, Canada

Research Area:

Advanced oxidation process, Wastewater treatment, Solid waste management, Biofuels, Nanotechnology, Nanocatalysis

Dr. Ritika Joshi

B. Sc.(Chemistry), M. Sc. (Chemistry), PhD. (Chemistry),
CSIR NET-SRF

Assistant Professor of Chemistry

Research Area:

Fluorescence spectroscopy, Cancer theranostics, Photophysics, , SM-Fluorescence and Imaging, Biosensing



Dr. Yogesh Gat

M. Tech. (Food Technology), PhD. (Food Technology) (ICT Mumbai)

Assistant Professor of Food Technology

Research Area:

Extrusion processing technology, Nutraceuticals and functional foods, Waste valorization, Value addition, Traditional foods, New product development



Dr. Srimanta Maji

B. Sc. (Mathematics), M. Sc. (Mathematics),
PhD. (Applied Mathematics), PhD. (Science)

Assistant Professor of Engineering Mathematics

Research Area:

Numerical heat transfer and fluid flow, Computational fluid dynamics, Stirred tank simulation using various turbulence models, Numerical simulation of boundary layer flow for nanofluid, Finite volume method



Emeritus Professor



Prof. S. S. Lele

B. E. (Chem. Engg.), M. E. (Chem Engg.), PhD. (Tech.),
MASC Fellow, BRSI Fellow, AFST Fellow

Former Director, ICT Mumbai, Marathwada Campus, Jalna

Research Area:

Food product/process development, Fruit and vegetable processing to reduce post-harvest losses, Fruit wines, Holistic utilization of fruit and vegetable wastes, Food allergy

Adjunct Professor

Dr. Kishore M. Panikar

M.Sc., PhD., MASC Fellow, NAAS Fellow, FAMI Fellow,
BRS Fellow

**Former Director, Agharkar Research Institute, Pune
Marico Industries Ltd., Visiting Fellow, ICT Mumbai**

Research Area:

Applications of nanotechnology in biology, Medicine, Agriculture and environment



Dr. Nandkumar Kunchge

**Director (Biotechnology), Kalash Seeds Pvt. Ltd.
Jalna, Maharashtra**

Research Area:

Plant Biotechnology



COURSE INFORMATION

MASTER OF TECHNOLOGY



The M.Tech program at ICT Mumbai, Marathwada Campus, Jalna is a flagship interdisciplinary program that was commenced in 2020 with support from ICT Mumbai. The course admits 54 students (18 for each discipline) with graduate degrees from fields like Food Engineering and Technology, Pharmaceutical Chemistry and Technology, and Polymer Engineering and Technology through GATE, GPAT, college entrance exam. The program has a perfect balance of theory and research work involving topics of strong industrial relevance and significant societal impact and covering the fundamental aspects and recent advancements.

The first year comprises coursework, practical's, seminars, research work, and presentations. The second-year is dedicated to research and covers part of the industrial internship. The course provides balanced and comprehensive knowledge of the basic as well as applied sciences and engineering in Food Engineering and Technology, Pharmaceutical Chemistry and Technology and Polymer Engineering and Technology which enhances the basic aptitude of students and prepares them to take up the challenges in the varied and multi-faceted applications of technology. The course's main objective is the development of Industry ready skilled students capable of taking up and solving challenges in industries.

M. Tech Specializations

Food Engineering and Technology

Pharmaceutical Chemistry and Technology

Polymer Engineering and Technology



INTEGRATED M.TECH CHEMICAL ENGINEERING

ICT Mumbai, Marathwada Campus, Jalna offers a five-year Integrated M. Tech with a major in Chemical Engineering with a minor in six different disciplines. The curriculum of the Integrated M. Tech program is unique and is being introduced in India for the first time. The course follows a 4-month Trimester pattern consisting of 15 trimesters with every alternative term in an industry/laboratory for internships or research projects. During the In-plant training period, a student has to complete an internship in an Industry, Research lab or participate in collaborative projects with Industry/Faculty involving PhD. Fellows and faculty. So simultaneously, students get Industrial exposure with academics.

To ensure enhanced industry relevance in the curricula development for integrated M. Tech. (6 trimesters in industry and 9 in the institute) In Chemical Engineering, the students also study a minor in the following areas - Food Engineering and Technology, Pharmaceutical Technology, Lipids Engineering, Polymer and Material Engineering, Petroleum and Petrochemicals Engineering and Energy Engineering.

In the final year of the degree program, the last two trimesters emphasize experimental and design projects to promote entrepreneurship and start-ups.

Chemical Engineering Core Subjects

- Introduction to Chemical Engineering and Chemical Industries
- Material & Energy Balance Calculations
- Chemical Engineering Thermodynamics
- Momentum Transfer
- Energy Engineering
- Heat Transfer
- Mass Transfer Operations
- Chemical Reaction Engineering
- Separation Process
- Biochemical Engineering
- Multiphase Reaction Engineering
- Process Development and Engineering

Minor Specializations

- Food Engineering and Technology
- Pharmaceutical Technology
- Energy Engineering
- Polymer and Material Engineering
- Petroleum and Petrochemicals Engineering
- Lipids Engineering



M.TECH IN FOOD ENGINEERING AND TECHNOLOGY

Food engineering is a scientific and professional field that teaches and trains students to apply principles of engineering and science in food processing, production, handling, storage, packaging and distribution of food products. The field provides information about the emerging technologies in food processing sector which helps in scientific and academic growth of the students. The course also provides information about other chemical, biochemical and physical aspects like microbiology, food chemistry, rheology and heat transfer which helps the students for commercialization of safe, healthy and nutritious and high-quality foods as well as for development of machinery and instrumentation.

Course Subjects

Food Packaging

Comprehensive Techniques in Food Analysis

Food Safety Standards and Regulations

Food safety and Toxicology

Biotechnology of Fermented Foods

Advances in Food Processing

Advances Food in Engineering

Carbohydrate Chemistry and Technology



M.TECH IN PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY

The focus of the department is in creating an expertise in the chemistry of drugs (formulation, synthesis, dosage, effects and regimen) along with the manufacturing of drugs as per regulatory requirements. This course will enable an understanding of drugs science and actions. The course structure is supported by some basic subjects like organic chemistry, biochemistry, microbiology and physical chemistry along with core subjects viz. biotechnology, forensic pharmacy and management.

Course Subjects

Pharmaceutical Formulation Technology

Pharmaceutical Biochemistry

Drug Delivery and Technology

Medicinal Chemistry

Medicinal Natural Products


Process Technology of Drugs and Intermediates

Physiology and Pharmacology

Chemical Process Control and Technology

Organic Chemistry and Catalytic Process

Analytical Chemistry



M.TECH IN POLYMER ENGINEERING AND TECHNOLOGY

The focus of the department is to provide lifelong skills and get ahead in job market. The program is designed to get experimental learning along with comprehensive expertise in theoretical understanding of the field. Detailed knowledge of various plastics, composites, and resins, polymer structure property relations and high polymer chemistry in which dendrimers, anionic and cationic polymers and hyperbranched polymers is covered during the course. Students also learned about Smart Polymers where the main focus was on self-healing polymers, shape memory polymers and conducting polymers.

Course Subjects

Structure, Property and Relationship of Polymer

High Polymer Chemistry

Polymer Blends and Alloys

Specialty Polymers

Physical Methods of Analysis

Advanced Polymer Processing

Environmental and Polymer Technology

Biodegradable Polymers

STUDENTS PROFILE

Food Engineering and Technology



Akshay Kumar Chavan

B.Tech.(Food Technology), College of Food Technology, Parbhani

M. Tech Thesis Topic :

Study On color color interaction in food and it's effects

Internship/ Experience :

Ferrero Baramati, Pune

Technical interest :

Research and Development, Quality control and Quality Analysis



Balagangadhara K. P.

B Tech (Food Technology), University of Agricultural Sciences, Dharwad

M. Tech Thesis Topic :

Effect of Ultrasound on Physicochemical, Nutritional and Antioxidant activity in comparison with pasteurized Coconut milk

Internship/ Experience :

Worked as student intern at Reitzel India Pvt. Ltd

Technical interest :

Thermal and Non Thermal processing and preservation of foods, New product development, General Food Analysis, Management.



Harshitbhai Patel

B. Tech.(Food Processing Technology), College of Food Processing Technology and Bio Energy, Anand Agricultural University, Anand, Gujarat

M. Tech Thesis Topic :

Effect of pH on enzyme inactivation kinetics during microwave pasteurization of table grape juice

Internship/ Experience :

ITC LIMITED- Foods Division, LSTC, Peenya, Bangalore

Technical interest :

Advanced Thermal Processing, Enzyme Technology, Process Optimization, Product Development & Quality Evaluation



Jaheer Ahemad Kaji

Rajiv Gandhi College of Food Technology, Parbhani

M. Tech Thesis Topic :

Studeis on Black stone flower and its extract

Internship/ Experience :

Madhu Food Products Pvt.Ltd., Uppal, Hyderabad

Technical interest :

Extraction of constituents from spices, herb and there value addition in different kind of beverages, to study the pharmacological profile(antioxidant ,antimicrobial,antidiabetic,antiinflammatory)of extract, New product development



Jayshree Santaji Surashe

MIT college of Food Technology Aurangabad

M. Tech Thesis Topic :

Development of low calorie functional baked product

Internship/ Experience :

Mapro Foods Pvt. Lt Wai

Technical interest :

Research and development and quality control



STUDENTS PROFILE

Food Engineering and Technology



Kiran Ramesh Bhamodre

B.Tech Food Technology, K K Wagh College of Food Technology, Nashik

M. Tech Thesis Topic :

Cold Plasma Assisted Modification of Locust Bean Gum

Internship/ Experience :

MRaptakos Brett & Co. Ltd, Thane

Technical interest :

Non-Thermal Food Processing, New Product Development, Infant Nutrition, Process Designing, Fortification, FSSR Compliance



Krushna Alnure

B.Tech Food Technology, VNMKV Parbhani, Maharashtra

M. Tech Thesis Topic :

Application of Citrus peel for cloud Stabilization in fruit juices

Internship/ Experience :

Varun Agro processing foods pvt Ltd Nashik

Technical interest :

Beverage Technology, Extraction and purification of Plant proteins, New Product development, Baking Technology, FSSA Compliance



Mahpara Khanam

B.Tech Food technology, Islamic University of science and technology, Awanitpora, Kashmir

M. Tech Thesis Topic :

Ultrasound assisted Photodynamic therapy of pineapple juice

Internship/ Experience :

ICAR-CIPHET, Ludhiana punjab.

Technical interest :

Novel-Non thermal processing of foods, Research and development, Food quality analysis



Nitin Manikrao Garud

VNMKV Parbhani

M. Tech Thesis Topic :

Development and quality evaluation of whole wheat flour sourdough bread

Internship/ Experience :

Ferrero india pvt ltd Baramati

Technical interest :

Baking technology, NPD, Food analysis, Food regulations and compliances, Novel foods, Milk processing and quality testing



Parmeshwar Ramkishan Giri

ADITYA COLLEGE OF FOOD TECHNOLOGY, BEED (AFFILIATED WITH VASANTRAO NAIK MARATHWADA AGRICULTURE UNIVERSITY PARBHANI)

M. Tech Thesis Topic :

COLD PLASMA MODIFICATION OF BLACK GRAM PROTEIN

Internship/ Experience :

WS FOODS PVT LTD, PUNE

Technical interest :

HACCP, PLANT BASED PROTEIN, FOOD ANALYSIS, BAKING TECHNOLOGY, FOOD PACKAGING, NEW PRODUCT DEVELOPMENT, DOCUMENTATION



STUDENTS PROFILE

Food Engineering and Technology



Pooja Mulge

University of Agricultural Sciences Dharwad, Karnataka

M. Tech Thesis Topic :

Cold Plasma as an Intensification Process for Extraction of Bioactive Compounds from Pomegranate Peels

Internship/ Experience :

Adani Wilmar Ltd., Ahmedabad, Gujarat

Technical interest :

Beverage Technology, Non thermal treatment, Fruits and Vegetable Technology, NPJ.



Rutvika Bawaskar

Btech. Food tech MIT college of Food technology Aurangabad, Maharashtra

M. Tech Thesis Topic :

Cold plasma assisted with modified oat starch

Internship/ Experience :

Carlsberg india pvt. Ltd. Aurangabad

Technical interest :

Brewing, quality department, R and D



Sayali Ashokrao Deshmane

MGM College of Food Technology, Gandheli, Aurangabad

M. Tech Thesis Topic :

Development of fiber rich multi grain khakhra

Internship/ Experience :

Amul Virar dairy, Virar, Thane, Maharashtra

Technical interest :

Quality Control, Quality Assurance, New Product Development, Analysis, Food Safety Regulation, Fruit and Vegetable Processing, Baking Technology



Shivakumara N C

University Of Agricultural Sciences, Dharwad

M. Tech Thesis Topic :

Detection of Adulteration in Arhar dal by Using Image Processing Technique

Internship/ Experience :

Nestle India ltd

Technical interest :

New product development, Food safety Management System, Adulteration Detection by Digital methods, Food supply Chain Management, Sensory Evaluation



Srishti Arunkumar Dhane

Dadasaheb Mokashi College Of Food Technology, Rajmachi

M. Tech Thesis Topic :

Development of process technology for a millet based synbiotic beverage powder

Internship/ Experience :

Orient Foods and confectionery pvt. Ltd.

Technical interest :

Production management, product development and research and development of products



STUDENTS PROFILE

Food Engineering and Technology



Suresh Kolte

B. Tech Food Technology, College of Food Technology, Parbhani, Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani

M. Tech Thesis Topic :

Extraction of oleoresin from Star Anise and its value addition in beverage

Internship/ Experience :

MAPRO Foods Pvt. Ltd. Shendurjane Dist. Satara

Technical interest :

New Product development, Production, Beverage Technology, Food processing, Baking Technology, HACCP, Milk processing, Food Packaging



Vaidehi Shripad Shukla

B Tech Food Technology, College of Food Technology,VNMKV,Parbhani, Maharashtra

M. Tech Thesis Topic :

Effect of cold plasma on cocoa butter

Internship/ Experience :

Britannia India pvt ltd, Khopoli

Technical interest :

Quality Control, Quality Assurance, New Product Development, Analysis, Food Safety Regulation, Fruit and Vegetable Processing, Baking Technology,Wine technology



Mohammed Adnan Farooqui

Rajive Gandhi college of food technology

M. Tech Thesis Topic :

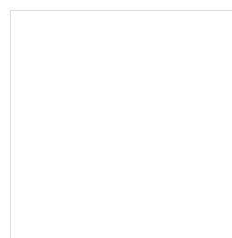
Sourdough bread

Internship/ Experience :

Gandour MLC company

Technical interest :

Quality management, Production



STUDENTS PROFILE

Pharmaceutical Chemistry and Technology



Amol Jadhav

Bachelor of Pharmacy, Shree Bhagvan college of Pharmacy, Aurangabad, Maharashtra

M. Tech Thesis Topic :

Modified beta cyclodextrine for NDDS in sustained Releases drug

Internship/ Experience :

Emcure Pharmaceutical Pvt. Ltd , Pune

Technical interest :

Formulation Research & development, Analytical R&D , Regulatory Affairs, Medical Devices,



Chetan Ramesh Gawali

R.C.Patel institute of Pharmaceutical Education and Research, Shirur.

M. Tech Thesis Topic :

Process development of o-toluene sulfonyl chloride from toluene

Internship/ Experience :

Rubi surgical and allied products Pvt.Ltd, Jalgaon, Pharmacovigilance department at tata consultancy services Mumbai.

Exam Qualified : GPAT AIR 3649

Technical interest :

Synthetic, Analytical, process R&D, QA&QC, Regulatory affairs, Formulation Development, CADD, Drug Metabolism, NDDS



Kikkara Pooja

B pharmacy, Maharajas college of Pharmacy, Andhra Pradesh

M. Tech Thesis Topic :

Development and characterization of Antifungal formulations

Internship/ Experience :

Pharmazell, Visakhapatnam, Andhrapradesh

Exam Qualified : GPAT AIR 2893

Technical interest :

Formulation development, Research and Development , QA & QC



Mrinmayee Warode

University Department of Chemical Technology, Dr.BAMUA, Aurangabad

M. Tech Thesis Topic :

Colorimetric sensing of azo based Chemosensor

Internship/ Experience :

Ajanta Pharma Ltd., Chikalthana MIDC, Aurangabad

Technical interest :

Research and Development, Formulation, Regulatory affairs, QA & QC, cosmetics, Cosmeceuticals, Natural products,



Rajesh Dugane

Institute of Chemical Technology, Mumbai

M. Tech Thesis Topic :

Novel Formulation Development of VEGF Inhibitors to treat Diabetic Retinopathy

Internship/ Experience :

none

Technical interest :

Business Development, Medical Devices, Formulation Development



STUDENTS PROFILE

Pharmaceutical Chemistry and Technology



Sanjyot Sopan Khedkar

Bachelor's of Pharmacy, Mahatma Gandhi Vidyamandir's Pharmacy College, Panchavati, Nashik, Maharashtra

M. Tech Thesis Topic :

Biguanides in Anti-Diabetic Therapy

Internship/ Experience :

Clinical Research Training – Millennium Diagnostics, Nashik, Maharashtra

Exam Qualified : GPAT AIR 8897

Technical interest :

R&D, Formulation and Development, QA, QC, Regulatory Affairs, Technology Transfer, Technology Analyst, IPR, Cosmetic Science, Nutraceuticals, Medical Devices



Savind Chowdhary

University Department of Chemical Technology, Dr.BAMU

M. Tech Thesis Topic :

Studies on Covalent Modification of Macromolecular Targets

Internship/ Experience :

None

Technical interest :

Research and Development – Chemistry, Formulation, Analytical , Biologics and Biosimilars Development



Shilpa Bharat Sonawane

B.pharmacy, Maratha Vidya Prasarak College Of Pharmacy, Savitribai Phule Pune University, Nashik, Maharashtra.

M. Tech Thesis Topic :

Studies Involving Co-crystals of leading active pharmaceutical ingredients

Internship/ Experience :

None

Exam Qualified : GPAT AIR 4695

Technical interest :

Formulation research and development, Regulatory affairs, Analytical research and development, Quality assurance, and quality control.



Shraddha Sarjerao Kamble

B Pharmacy, NCRD'S Sterling Institute Of Pharmacy, Mumbai University, Nerul Navi Mumbai, Maharashtra

M. Tech Thesis Topic :

Process Development and Synthesis of Quinoline and its derivatives

Internship/ Experience :

Shalina Pharmaceuticals Pvt Ltd, Jejuri, Pune, Maharashtra

Technical interest :

Pharmaceutical Analysis, Research and Development, Synthetic Chemistry



Susmit Prashant Nikam

NCRD's Sterling Institute of Pharmacy, Navi Mumbai

M. Tech Thesis Topic :

Formulation and evaluation of syringeable in-situ Nitazoxanide gel for treatment of Periodontitis

Internship/ Experience :

Post-Hospital Pharmacist at NMMC's Urban Health post Nerul phase-2, Navi Mumbai

Exam Qualified : GPAT AIR 3263

Technical interest :

Regulatory affairs, Intellectual Property rights, Formulation development - Pharmaceuticals and Nutraceuticals, API development and Analytical R&D.



STUDENTS PROFILE

Pharmaceutical Chemistry and Technology



Swapnil Nitin Bhangale

Bachelor's of Pharmacy, Amrutvahini College of Pharmacy, Sangamner, Ahmadnagar, Maharashtra.

M. Tech Thesis Topic :

Development of Novel Methodology for Microwave Assisted Synthesis of β -Bromostyrene.

Exam Qualified :

GPAT AIR 34267

Technical interest :

R&D, F&D, QA, QC, Regulatory Affairs, Intellectual Property Rights, Technology Transfer, Technology Analyst, Cosmeceuticals.



STUDENTS PROFILE

Polymer Engineering and Technology



Shruti Kiran Mali

University Institute of Chemical Technology, North Maharashtra University, Jalgaon

M. Tech Thesis Topic :

Enhancing thermal stability of starch

Internship/ Experience :

Kamat Paints Pvt Ltd, Caliche Private Limited, Laencor, National Chemical Laboratory, Indofil Industries Pvt Ltd., Shraddha Enterprises

Technical interest :

Biopolymers, Biomedical engineering, Computational Biology, Polymer Development and Synthesis



Vasanth Kumar Nagarajan

B. Tech, Rubber and Plastics Technology, Anna university, Tamilnadu

M. Tech Thesis Topic :

Biodegradation study on blends of polyurethane

Internship/ Experience :

SRF, Mandali, chennai

Technical interest :

Processing, Testing of Polymers, synthesis of polyurethane, Compounding of Rubbers. Blending, Composites, Research and development



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**Category I Deemed to be University (MHRD/UGC)
First Elite Status and Centre of Excellence-Govt. of Maharashtra
A++ Grade by NAAC (CGPA 3.77)**