

**Gujarat Technological University
Center of Pharmaceutical Studies & Drug
Delivery Technology (CPSDDT)**



Organizes

**4th Faculty Development Program
On
“BASICS OF ORGANIC CHEMISTRY”**

During

26th June 2017 to 1st July 2017



at

**Gujarat Technological University
Chandkheda Campus**

Preamble

Since last 3 years, GTU has started various initiatives for resurgence of pharmacy profession. Such initiatives includes various faculty development program on recent trends in pharmacy, research week for M. Pharm student, centralized placement drive for pharmacy graduates and post graduate students, linkages with industry organizations like IDMA-GSB and GAAMA and like many more.

About FDP

As GTU itself is a young university, there are more than 40% faculty members who are working with various affiliated colleges are quite young in age and fresher in their professional career. With respect to feedback received by eminent experts during Research Week of Pharmacy, it was suggested that to improve the quality of research in academia, we have to work hard to inculcate the spirit of learning to faculty members and students. Only properly trained and motivated faculty members are able to inspire students for the research.

1st series of faculty development workshop on “*Teaching Pedagogy for subject of Pharmaceutical Chemistry*” had been successfully organized during 23rd January to 26th January 2016 at GTU, Chandkheda campus, Ahmedabad. 2nd series of faculty development workshop on “*Teaching Pedagogy for Subject of Organic Chemistry-I*” also had been successfully organized during 12th June to 14th June, 2016 at GTU, Chandkheda Campus, Ahmedabad. 3rd series of faculty development program on “Teaching Pedagogy for the Subject of Organic Chemistry – II” organized during 10th to 14th November 2016 at GTU Chandkheda Campus, Ahmedabad. Short Term Training Program on Spectroscopy organized during 17th April 2017 to 21th April 2017 at B. K. Modi Government Pharmacy College, Rajkot in association with Gujarat Technological University. Now looking at need of faculty members and students, **GTU is going to organize 4th Faculty Development Programme (FDP) on “Basic of Organic Chemistry” during 26th June to 1st July, 2017 at Gujarat Technological University, Chandkheda Campus.**

Expert's Profile

Prof. (Dr.) Satish Gabhe

Poona College of Pharmacy,
Bharati Vidyapeeth University,
Pune, Maharashtra



Prof. Gabhe has did his B. Pharm (1972) and M. Pharm (Pharmaceutical Chemistry) (1974) from Nagpur University. He did PhD (Medicinal Chemistry) (1980) from Ohio State University, USA. He did Post Doctorate fellowship (1980-1981) from Chemistry Department, University of Washington, Seattle, (U.S.A.).

Work Experience:

- Reader in Pharm. Chem., C.U.Shah College of Pharmacy, 1983-1986.
- Professor of Pharm. Chem 1986-2001.
- Principal and Prof. of Pharm. Chem 2001-2009.
- Controller of Examination (Additional Charge)-April/May 2004.
- Professor of Pharma. Chem, 2010- present.

Research Experience:

- Guided Ph. D. & M. Pharm. Students.
- Number of Ph. D. Students: Completed – 11 Ongoing – 05
- Number of M. Pharm. Students: Completed – >50 Ongoing – 05

Membership of Professional/University Bodies:

- Chairman- All India Board in Pharmaceutical Education, AICTE, New Delhi.
- Lifetime member of Association of Pharmacy Teachers of India.
- Former Member-Pharmacy Council of India, New Delhi.
- Member of Indian Pharmaceutical Association.
- Lifetime member of State Pharmacy Council of India.
- Former Controller of exams. [I/C], S N D T. Women's University, Mumbai.
- Ex-Member of Senate, SNDT University.
- Ex-Member Academic Council, SNDT University.

- Ex-Member of Senate, Maharashtra University of Health Sciences, Nasik.
- Former DEAN, Faculty of Technology, SNDT University.
- Ex-Chairman BOS, Pharmacy, SNDT University.
- Member BOS, Pharmacy, Mumbai University.
- Ex-Member BOS, Pharmacy, BIT, Ranchi.

Who should join this STTP?

Only those faculty who are teaching the relevant subjects (Preferably teaching subject of Chemistry in D. Pharm/ B. Pharm/ M. Pharm).

Registration

Registration is **FREE** for Faculty member affiliated with GTU and Rs.500 for Faculties from universities other than Gujarat Technological universities. **Seats are limited for 40 members only.** As it is very specialized program, **it is highly desirable that only those who would like to come to attend all six days of FDP, should only do registration.** Do registration using below link on or before 20th June.

Registration Link: <https://goo.gl/rsp5us>

After successful participation in FDP for all six days, participating faculty and students will get certificate on completion of the programme.

Hostel Accommodation

If you require accommodation then GTU has its hostel at below mentioned address, which is 20 km away from the Chandkheda campus. You have to send request mail for accommodation to ra_pharmacy@gtu.edu.in on or before 20th June 2017, Tuesday (Till 5:00 PM).

Charges of Hostel: Rs. 100/- per head per day

Note:

- 1) Charges you can pay in cash at GTU, Chandkheda campus once you reach over there.
- 2) Accommodation will be on twin sharing basis.
- 3) Separate room will be allotted to ladies candidates.
- 4) Charges include boarding charge only.

Address of GTU Hostel

Block no. 19, J Type Hostel Block, Sector 24, Between Kh-6 and G-6 circle, Gandhinagar.

Calender of Events

Event	4 th Faculty Development Program on Basics of Organic Chemistry
Event Date	26 th June to 1 st July 2017
Day	Monday to Saturday
Last dated of Registration	20 th June, 2017
Intimation of Selection	22 nd June, 2017

For any assistance or clarification, please write to Mr. Amit Patel on ipr_projectofficer@gtu.edu.in OR call on 079-23267537 /9909961894

Topics going to be covered during 4th FDP

Sr No.	Topics to be covered
1	Structure and Properties : Introduction to organic chemistry, quantitative analysis of elements, determination of molecular weight and molecular formula, Atomic structure, atomic orbitals, molecular orbital theory, molecular orbitals, bonding and antibonding orbitals.
2	Chemical bonding and Properties : Introduction, covalent bond, hybridization and hybrid orbitals, intermolecular and intramolecular forces, bond dissociation energy, electronegativity, polarity of bonds, polarity of molecules, resonance, hyperconjugation
3	Reactive intermediates of carbon: Carbocation, carbanion, free radical, carbenes, nitrenes, reaction involving these intermediates
4	Structure, properties, nomenclature, preparation and reactions of the following class of functional groups <ul style="list-style-type: none">• Alkanes, alkenes, alkynes, dienes, alkyl halides, alcohols, ethers,• Benzene,• Polynuclear aromatic compounds, (naphthalene, anthracene)

List of Committee Members

Chief Patron

Prof. (Dr.) Navin Sheth
Honb. Vice Chancellor

Patron

Mr. Bipin J. Bhatt
Registrar, GTU

Program Convener

Dr. C. N. Patel

Program Coordinator

Mr. Amitkumar Patel (Assistant Professor)
Dr. R. H. Parikh (Adjunct Professor)
Dr. T. R. Desai (Adjunct Professor)
Ms. Bhumika Maheriya (Research Assistant)

Zonal Committee Members

Dr. Ragin Shah (Zone 1)
Dr. Ankit Chaudhary (Zone 2)
Dr. Nehal Shah (Zone 3)
Dr. A. B. Patel (Zone 4)
Dr. Ashok Akabari (Zone 5)

-S/d-

Registrar