

**Center of Pharmaceutical Studies & Drug
Delivery Technology, GTU**



organizes

**3rd Faculty Development Program on
“TEACHING PEDAGOGY FOR
THE SUBJECT OF ORGANIC
CHEMISTRY - II”**

during

10th to 14th November 2016



Gujarat Technological University

**Nr. Vishwakarma Engineering College Campus,
Chandkheda, Ahmedabad – 382 424, Gujarat**

www.gtu.ac.in

In Association with



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 that spirit of learning to faculty members. Only properly trained and motivated faculty members only able to inspire students for the research.

1st series of faculty development workshop on *“Teaching Pedagogy for subject of Pharmaceutical Chemistry”* has 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 has been successfully organized during 12th June to 14th June, 2016 at GTU, Chandkheda Campus, Ahmedabad. Now looking at need of faculty members, GTU is going to organize 3rd FDP on **“Teaching Pedagogy for subject of Organic Chemistry - II”** during 10th to 14th November 2016 at GTU, Chandkheda campus, Ahmedabad.

Expert's Profile

Prof. 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.
- Life member of Association of Pharmacy Teachers of India.
- Former Member-Pharmacy Council of India, New Delhi.
- Member of Indian Pharmaceutical Association.
- Life 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 FDP?

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

Registration

Registration is **FREE** for Faculty member working with any Pharmacy institute affiliated with GTU. **Seats are limited for 30 faculty members only.** As it is very specialized program, it is highly desirable that only those faculty who would like to come to attend three

days FDP, should only do registration. Do registration using below link on or before **7th November, Monday.**

Registration Link:

<https://goo.gl/4ENgmx>

After successful participation in FDP, participating faculty will be given certificate.

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 manish.rachchh@gtu.edu.in on or before 7th November 2016, Monday (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	FDP on Teaching Pedagogy for the subject of Organic Chemistry - II
Event Date	10th to 14th November, 2016
Day	Thursday to Monday
Last dated of Registration	7 th November, 2016, Monday (Till 3.00 PM)
Intimation of Selection	7 th November, 2016, Monday (Till 5.00 PM)

For any assistance, please write to Dr. Manish A. Rachchh on manish.rachchh@gtu.edu.in OR call on 079-23267537 /9909961894

Topics going to be covered during 3rd FDP

1] Stereochemistry:

- Chirality
- Optical activity (dextro and leavo rotation concept)
- Stereoisomerism
- Enantiomers, Diastereomers, Mesomers with physical, chemical and biological properties of the same.
- Geometrical isomers and its nomenclature. Physical and chemical properties of the same
- Racemic mixture and its resolution methods.
- Specification of configuration: Relative configuration (L and D), Absolute configuration (R and S) (CIP Rules)
- Axial Chirality: Stereochemistry of Allene, spiran and Biphenyl.
- Conformational isomers: Alkanes and Cyclohexane

2] Structure, properties, nomenclature, preparation and reactions of following class of functional groups:

- Amines
- Phenols
- Aldehydes and ketones
- Carboxylic acids and their derivatives

3] Unsaturated carbonyl compounds, Nucleophilic aromatic substitution

4] Heterocyclic compounds: Chemistry, preparation and properties of

- Furan, thiophene, pyrrol and pyridine
- Pyrrazole, imidazole, oxazole, isoxazole and thiazole
- Pyrazine, pyridazine and pyrimidine
- Quinoline, isoquinoline and indole

List of Committee Members

Chief Patron

Honb. Dr. Rajul Gajjar

Patron

Dr. J. C. Lilani

Program Convener

Dr. C. N. Patel

Program Coordinator

Dr. Manish A. Rachchh

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)

Program Co-Coordinator

Ms. Bhumika Maheriya (Research Assistant, Pharmacy, GTU)

-S/d-

I/C Registrar