

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



**Organizes
Short Term Training Programme on
“SPECTROSCOPY”
During**

17th to 21th April 2017



At

**B.K.Modi Government Pharmacy College
Polytechnic Campus, Near Ajidam, Bhavnagar
Road, GIDC, Rajkot, Gujarat - 360003**

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 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. Now looking at need of faculty members and students, **GTU is going to organize Short Term Training Programme (STTP) on “Spectroscopy” in association with Association of Pharmaceutical Teachers of India during 17th to 21th April 2017 at B.K.Modi Government Pharmacy College, Rajkot.**

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

Who should join this STTP?

Only that faculty who are teaching the relevant subjects (Preferably teaching subject of Chemistry in D. Pharm/ B. Pharm/ M. Pharm) and students of Post Graduate Course can be enroll for this STTP.

Registration

Registration is **FREE** for Faculty member and students working with any Pharmacy institute affiliated with GTU. **Seats are limited for 120 members only.** As it is very specialized program, **it is highly desirable that only those who would like to come to attend all five days of STTP, should only do registration.** Do registration using below link on or before **12th April, Wednesday.**

Registration Link: <https://goo.gl/bzlw9e>

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

Hostel Accommodation

If you require accommodation then college has its hostel .You have to send request mail for accommodation to Dr. Amit Vyas amityvas77@gmail.com on or before 12th April 2017, Wednesday (Till 5:00 PM).

Address of Hostel

B.K.Modi Government Pharmacy College,
Polytechnic Campus, Near Ajidam,
Bhavnagar Road, GIDC, Rajkot, Gujarat – 360003

Notes:

Boy's Hostel: 1 KM Away from College Address

Girl's Hostel: 5 KM Away from College Address

Calender of Events

Event	STTP on Spectroscopy
Event Date	17th to 21th April, 2017
Day	Monday to Friday
Last dated of Registration	12 th April, 2017, Wednesday (Till 3.00 PM)
Intimation of Selection	12 th April, 2017 (Till 5.00 PM)

For any assistance, please write to Dr. A.B.Patel on abp2038@gmail.com, Phone No. 09426047024 or Mr. Amit Patel on ipr_projectofficer@gtu.edu.in OR call on 079-23267537 /9909961894

Topics going to be covered during 4th FDP

- 1. Nuclear Magnetic Resonance Spectroscopy**
- 2. Mass Spectroscopy**
- 3. Structure Elucidation**

Date	Topics to be covered
17.04.2017	Basics of ¹ H-NMR, Principle and Theory, Preliminary Instrumentation, Analytical Applications of the Technique
18.04.2017	Chemical Shifts, Multiplicity, Integration, Shift Reagents Double Resonance, Introduction to ¹³ C-NMR, FT Technique, Chemical Shifts, Multiplicity and DEPT Techniques
19.04.2017	Mass Spectrometry, Introduction and Basic Theory, Cursory Look at Instrumentation, Different Types of MS Techniques, Identification of Molecular Ion
20.04.2017	Rearrangement in MS, Fragmentation of Different Functional Groups and The Respective Classes of Compounds
21.04.2017	Combined Spectral Problem Solving, Use of HDI and Calculation of MF from MW, Approach to Structure Identification from the Spectral Data

List of Committee Members

Chief Patron

Honb. Vice Chancellor

Prof. (Dr.) Navin Sheth

Patron

Mr. Bipin J. Bhatt

Registrar, GTU

Program Convener

Dr. C. N. Patel

Program Coordinator

Dr. A.B.Patel

Mr. Amitkumar Patel

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

-S/d-

Registrar

Contact:

1) Dr. A.B.Patel, Associate Professor at B.K.Modi Government Pharmacy College Rajkot, E-Mail ID: abp2038@gmail.com, (M) 09426047024

2) Mr. Amit Patel, Assistant Professor at GTU, E-mail: ipr_projectofficer@gtu.edu.in, (O) 079-23267537