



Dharmsinh Desai University, Nadiad



BVPET



Faculty Development Program on Train the Trainers : Integration of Diversified Computational Tools



June 23-28, 2025
Monday-Saturday



Timing
10:30 am - 4:00 pm

Jointly Organized by

Shri B V Patel Education Trust

Thaltej, SG Highway, Ahmedabad-380051, GJ, IN

Faculty of Pharmacy

Dharmsinh Desai University,

College Road, Nadiad-387001, Gujarat, India

Convener

Dr. Neeta Shrivastava

Deputy Director, Shri B. V. Patel
Education Trust, Ahmedabad

Advisor

Dr. B. N. Suhagia

Professor, Faculty of Pharmacy,
DDU, Nadiad

Organizing Secretary

Dr. Tejal G Soni

Dean & Professor, Faculty of
Pharmacy, DDU, Nadiad

Co-ordinators

Dr. Mehul N. Patel

Professor, FOP, DDU, Nadiad

Dr. Mansi Dholakia

Asst. Professor, FOP, DDU, Nadiad

Registration

Seats Available:

40

Last Date:

June 21, 2025

For Registration
[click here](#)



For More Details:

pharmacy.event@ddu.ac.in

+91 9427719061



www.ddu.ac.in



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Patron
Padmshree Dr. H. M. Desai
Hon. Vice Chancellor
Dharmsinh Desai University, Nadiad

Convener
Dr. Neeta Shrivastava
Deputy Director,
Shri B. V. Patel Education Trust, Ahmedabad

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Venue
Faculty of Pharmacy
Dharmsinh Desai University
College Road, Nadiad, GJ, IN



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Registration Details

Who Can Attend?

Ph. D & Postgraduate Students, from any stream, Assistant Professor, Associate Professor, Professors, Research Scholars.

Participants count

40 (on first come first serve basis) Registration is compulsory and must be done online.

- Participants must come with Laptop for Hands on Training

Registration fees

For PG/Ph.D scholars, Academicians:
800/- INR

Last date for registration

June 21, 2025

Registration Process

1. Pay Reg fee online as per account details and take screen shot of receipt.
2. CLICK here or Scan QR code to register online.



Account Details for Payment

Account Holder: Faculty of Pharmacy
Account Number: 02521450000101
IFSC code: HDFC0000252
Bank Name: HDFC Bank
Branch: College Road, Nadiad

Key elements of the training

- Develop skills in data extraction, statistical pooling, and interpretation of meta-analytic results.
- Gain insights into pharmacovigilance practices, including detection and reporting of adverse drug reactions (ADRs).
- Understand molecular docking techniques to explore drug-receptor interactions and use software tools to simulate docking
- Use DOE software tools to plan, execute, and analyze experiments for formulation and process optimization.
- Continue learning advanced DOE applications, such as factorial designs, response surface methodology (RSM), and optimization.
- Understand PLS (Partial Least Squares) and PCA (Principal Component Analysis) for chemometric analysis, pattern recognition, and data dimensionality reduction
- Understand the principles and components of QMS in pharmaceutical industries.



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Shri B.V. Patel Education Trust

Shri B.V. Patel Education Trust is established in the fond memory of the First Drug Controller of Gujarat, Shri Bhupendrabhai V. Patel in the year 1974. Vision and Mission of the Trust is educational activities in the field of pharmacy and allied sciences to support pharma industry with skilled scientists / technocrats / management professionals. To fulfil this goal the Trust carries out various programmes like International Symposiums, Hands on Training Workshops, Industry- Oriented Dissertation Programs etc. The Trust also conducts Shri B.V. Patel Essay Competition annually where students / academicians / industry professionals from various field can participate. In addition to this the Trust also organises Shri B.V. Patel Memorial Lecture every year in 'Indian Pharmaceutical Congress' where the winners of Essay Competition also receive medals and cash prize. The Trust is also planning to start Certificate Courses for pharma and allied science graduates to prepare them for industry oriented skilled human resource. The Trust is also working to come up with innovative programmes to support students and promote educational activities in Gujarat.

Faculty of Pharmacy, DDU

Established in 2006, the Faculty of Pharmacy has an overriding purpose to promote excellence in pharmaceutical education to meet the needs of industry and academia for the state of Gujarat and the Nation. The faculty provides courses for Bachelors, Masters, and Doctoral degrees. Approved by Pharmacy Council of India, the faculty boasts of highly qualified and experienced teachers, who provides the education to the students to make them not only successful professionals but also good citizens. Institute is equipped with latest instrumentation facilities including Spray Dryer, Fluidized Bed Dryer, Lyophilizer, Tablet Compression Machine, HPLC, Tissue Culture Station, Animal Testing facility, etc. Considered an architectural splendor with ultramodern amenities, specially designed to suit the requirement of pharmacy education, FOP has established benchmark in R & D by undertaking academic & industrial research as well as established link for entrepreneurship by well established Gujarat Govt. Nodal centre & by student start-up grants.

Dharmsinh Desai University

Dharmsinh Desai University (DDU) formerly known as DDIT was one of the oldest technology colleges of Gujarat, which gradually have evolved into a full-fledged multidisciplinary University imparting higher education in almost all the prominent fields. The institute was envisaged and founded by Late Dharmsinh Desai, an entrepreneur and a philanthropist of Nadiad. DDU formally was established as a university by statute of the Gujarat State Assembly in 2005 and now it hosts 6 major faculties as Faculty of Technology, Faculty of Pharmacy, Faculty of Dental Sciences, Faculty of Management & Information Science, Faculty of Medical Sciences and Faculty of Commerce. DDU is one of the leading universities in the state with excellent track record of disciplined delivery of education, prolific placements and cutting edge research. This university is in the forefront of social causes and services to the nation.

About the Training

The FDP aims to: Empower faculty members and researchers with hands-on knowledge of cutting-edge computational tools that are vital in pharmaceutical and healthcare domains. Promote the integration of diversified software platforms such as autoDock, DOE, Schrodinger, Qikprop, and AI/ML tools to enhance research quality and efficiency. Develop technical competencies in data analysis, drug design, literature management, and quality control using advanced tools like Metanalysis, Docking, PLS/PCA, and QMS. Encourage a multi-disciplinary approach by bridging pharmaceutical sciences with data science, informatics, and artificial intelligence. Facilitate interactive learning experiences with expert-led demonstrations, real-time applications, and peer collaborations. By the end of the program, participants will be able to: Apply various computational tools effectively in research design, analysis, and manuscript preparation. Conduct and interpret meta-analysis for evidence-based pharmaceutical research. Perform molecular docking to study drug-target interactions. Train other educators or researchers, cascading the acquired knowledge within their institutions.



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