

Gujarat Technological University

Graduate School of Engineering and Technology



Offers a short-term certificate course

Artificial Intelligence & Drug Discovery

(Under GTU-Centre for Continuing Education)

Duration: 16 hours (Theory online mode, Practical offline mode during weekends)

Course Fee: Rs.1,500 per candidate

Eligibility:

- ◇ D. Pharm., B. Pharm., M. Pharm., Ph. D. Scholars
- ◇ Life sciences students
- ◇ Professionals from academia & industries

Major Topics to be Covered

- ◆ Disruptive innovations, Industry 4.0
- ◆ Artificial intelligence, machine learning and deep learning
- ◆ Drug discovery: Classical vs AIM Drug Discovery (Artificial intelligence mediated drug discovery)
- ◆ Various steps involved in AIM
- ◆ Various python libraries & other tools used in AIM Drug Discovery
- ◆ Examples of Tech, AI & Pharma giants engaged in AIM Drug Discovery
- ◆ XAI (Explainable AI), Ethics & IPR in the context of AI
- ◆ Hands-on using Python (some popular general databases for beginners to learn coding using Python)

Resource Persons



Dr. Amit Gangwal
CEO, Apoyo Sales
Former Professor & Principal
SVRI, Solapur.



Prof. Mahesh H. Panchal
Assistant Professor at GTU
-Graduate School of
Engineering and Technology.

Course Commencing from 01/08/2021
(Every Sunday from 1pm to 3pm)



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Contact details

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