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**You are cordially invited to a One-Day
Workshop on
ANRF-PAIR Sponsored
"Rapid DEG/EG Detection in Cough
Syrups Using WHO Proposed HPTLC
Method 10x Faster with CAMAG HPTLC"**

Organised By
SCHOOL OF PHARMACY -
GUJARAT TECHNOLOGICAL UNIVERSITY
&
GUJARAT UNIVERSITY
IN COLLABORATION WITH
ANCHROM ENTERPRISES (I) PVT. LTD.,
MUMBAI

Convenor
Dr. Sanjay Chauhan
Dr. Kiransinh Rajput

21st Feb,
2026

Coordinator
Dr. Jigna Vadaliya
Dr. Kashyap Thummar



GTU - School of Pharmacy, Gandhinagar

One-Day Workshop on

“ANRF–PAIR Sponsored Rapid DEG/EG Detection in Cough Syrups Using WHO Proposed HPTLC Method 10x Faster with CAMAG HPTLC”

21st February 2026

SUMMARY

- Type of Event: Sponsored Technical Workshop
- Sponsored By: ANRF–PAIR
- Title of Session: Rapid DEG/EG Detection in Cough Syrups Using WHO Proposed HPTLC Method 10x Faster with CAMAG HPTLC
- Date of Event: 21st February 2026
- Venue: School of Pharmacy, Gujarat Technological University, Sector 26, Gandhinagar
- Collaborating Organizations: Gujarat University & Anchrom Enterprises (I) Pvt. Ltd., Mumbai
- Convenors: Dr. Sanjay Chauhan, Dr. Kiransinh Rajput
- Coordinators: Dr. Jigna Vadalia, Dr. Kashyap Thummar
- Application Experts: Mr. Vishwajit Kale and Mr. Romin Mehta
- Number of Participants: 32

Objective of the Workshop:

The primary objective of this ANRF PAIR-sponsored one-day workshop was to provide comprehensive knowledge and practical exposure on the rapid detection of Diethylene Glycol (DEG) and Ethylene Glycol (EG) in cough syrups using the WHO-proposed HPTLC method.

The workshop aimed to create awareness regarding regulatory requirements and public health concerns associated with DEG/EG contamination, demonstrate the WHO-recommended HPTLC protocol for screening cough syrups, and showcase the advantages of CAMAG HPTLC systems in achieving faster, reliable, and cost-effective analysis.

Activity Details:

The workshop commenced with participant registration, followed by the inaugural session. The convenors addressed the gathering and emphasised the importance of rapid quality control methods in preventing pharmaceutical tragedies related to DEG/EG contamination.

The technical session delivered by Mr. Vishwajit Kale, covered the background of DEG/EG toxicity and global regulatory concerns, the WHO proposed HPTLC method for detection of DEG/EG, principles and advantages of HPTLC, sample preparation procedures, chromatographic conditions, and validation aspects.

Application Experts Mr. Vishwajit Kale and Mr. Romin Mehta demonstrated the WHO-recommended HPTLC protocol for screening cough syrups using CAMAG HPTLC instrumentation. The demonstration included automatic sample application, plate development, visualization techniques, and software-based data interpretation.

Hands-on Practice and Learning Outcomes:

Participants observed preparation of standard and sample solutions, application on HPTLC plates, development and detection of chromatographic bands, and quantitative evaluation through densitometric analysis.

The workshop successfully enhanced participants' understanding of rapid screening methodologies for DEG/EG detection in pharmaceutical formulations and strengthened their knowledge regarding regulatory compliance and analytical validation.



