

**Certificate of Recommendation from
the Head of the Institution**

I hereby certify that Dr. / Mr./ Mrs./

Miss

is interested in undergoing the staff Development Programme & that he / she will be relieved in time to participate in the above course. I also certify that the information given above is correct to best of my knowledge.

Place -

Date -

Signature & Seal

Principal / Head of
the Institution

Course Content

- Chromatography theory
- Instrumentation for HPLC
- Columns & Solvents
- Ion pairing reagent, Buffer & allied techniques
- IQ - OQ - PQ
- Quantitation
- Method development
- Method Validation
- Biological sample preparation
- Methods for bioavailability & bioequivalence
- HPLC trouble shoot
- HPLC maintenance
- Advanced HPLC techniques
- UPLC, nanoLC, LCMSMS
- Preparative HPLC
- Chiral separation with HPLC
- Applications in phytochemical analysis

*Above techniques will be discussed with
experiments & exercises.*

Address for correspondence

Dr. S. B. Bhise

Chief Co-ordinator & Principal,
Govt. college of Pharmacy,
Vidyanagar, Karad - 415 124,
Maharashtra
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P. N. Dhabale - 9822614201



AICTE

Sponsored

**Staff Development
Programme on**

**Application of High
Performance Liquid
Chromatography Bench to Bed**

**5th To 17th
May 2008**

Chief Co-ordinator

Dr. S. B. Bhise

Co-ordinator

Prof. P. N. Dhabale

Organised By



Govt. College of Pharmacy Karad

Vidyanagar, Karad - 415 124
Maharashtra.

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About the Institute

Govt. College of Pharmacy, established in 1965, is one of the pioneer Institutes imparting pharmacy education in Maharashtra. The institute offers D. Pharm, B. Pharm, M. Pharm, (Biopharmaceutics & Pharmaceutical chemistry) and Ph.D. programmes. The Institute has organised several AICTE/ISTE sponsored short term courses. This is 10th such course being organised. The 3rd Annual covention of APTI was organised by this college.

About the Course

Chromatography was used as a separation science rather than analytical technique in past. In modern science, a large number of chromatographic techniques such as High Performance Thin Layer Chromatography (HPTLC) are widely used in pharmaceutical industries for different applications. Liquid Chromatography plays an important role not only in discovery and development of drugs and dosage forms but it is also useful for routine QC applications. Application of HPLC in determanation of impurity profiles has improved the quality of drug products and hence assured the safety and efficacy of dosage forms. Chromatographic techniques, especially HPLC has made the analysis of drug in biological fluids easy and hence it has aided for the rapid development of biopharmaceutics and pharmacokinetics.

The present programme will be focused on basic principles involved in HPLC, advances in instrumentation and applications of HPLC. It will also be focussed on bioavailability of drugs in various biological fluids.

Objectives

The course is primarily oriented towards utility of HPLC for the purpose of bioavailability & bioequivalence of drugs.

Resource Persons

Experienced & trained experts from academia & industry will be the faculty for the course.

Eligibility

Teachers working in AICTE approved Degree / Diploma Pharmacy Institutes.

- Number of participants is restricted to 30 only.
- Allotment will be made on "First come first serve" basis.

Registration Fee

Registration Fee of Rs. 250/- Shall be paid through DD drawn in favour of Principal, Govt. College of Pharmacy Karad.

The last date to submit form with DD is 3rd May 2008. The form can be faxed or sent by e-mail. The participation can be confirmed on given phone number.

Financial Assistance

The outstation participants will be paid railway fare of II class & incidental charges for journey period & DA as per AICTE norms.

Registration form

Name (in block letters)

Date of Birth Gender

Designation

Qualification

Institute

Teaching Experience

Address for Correspondence -

Phone No.

Mobile No.

E-mail ID

Registration Fee of Rs. 250/- by

DD No.

Drawn From

Date -

Signature of Candidate