



BASIC SKILL DEVELOPMENT TRAINING ON Bitumen & Bituminous Binders: Properties and Testing Methods

CSIR-INDIAN INSTITUTE OF PETROLEUM (Council of Scientific & Industrial Research)

INTRODUCTION

CSIR-IIP has state-of-the-art R&D facilities, experienced and qualified staff and the institute maintains its leading position in conducting training programs for the personnel from refining, petrochemical, automotive, power and related user industry. More than 10,000 personnel from India and abroad have been trained.

CSIR-IIP conducts skill development programs under 'CSIR Integrated Skill Initiatives (ISI) applications are invited from eligible participants for basic skill development training program on "Bitumen & Bituminous Binders: Properties and Testing Methods".

Bitumen Laboratory is equipped with range of analytical instruments and our Scientists having vast knowledge and working experience. The participants will acquire a broad working knowledge of various analytical testing/evaluation techniques being used for testing quality of bitumen

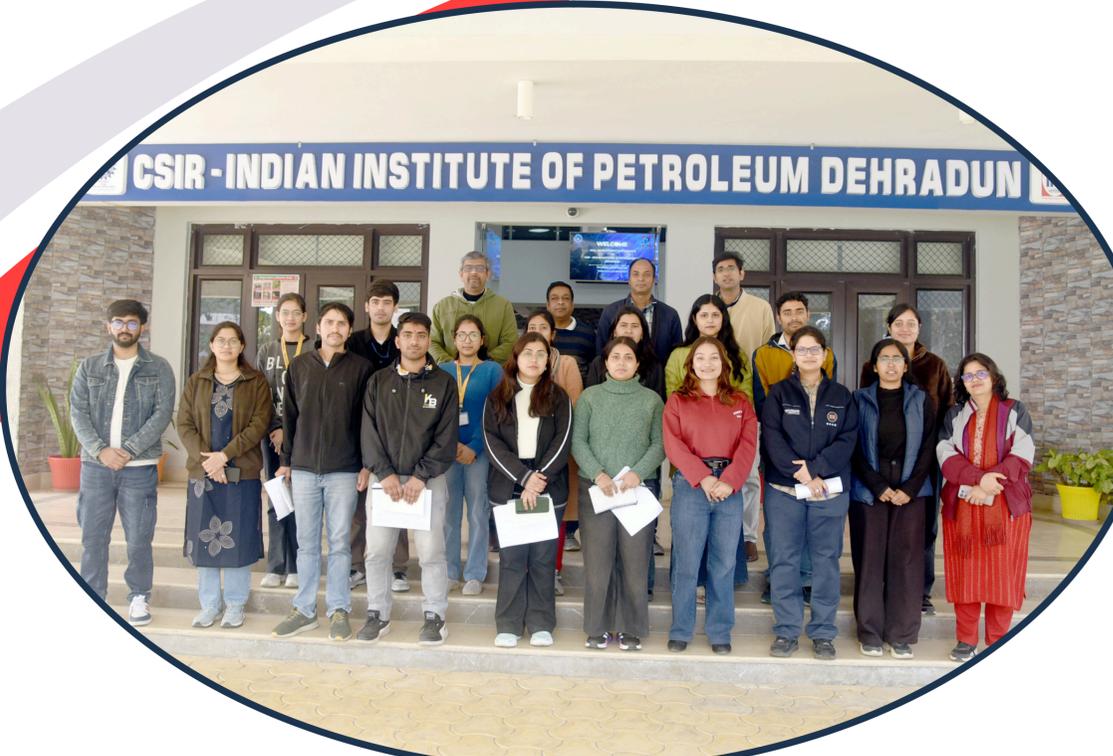
CSIR INTEGRATED SKILL INITIATIVE

GET IN TOUCH



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CSIR INTEGRATED SKILL INITIATIVES

“BITUMEN & BITUMINOUS BINDERS: PROPERTIES AND TESTING METHODS”

OBJECTIVES & SCOPE



Training is aimed at providing in depth knowledge and hands on experience on various spectroscopic analytical techniques to those new to the R&D institute/industry or wish to develop their career further in the relevant QA/ QC area with more strengthened analytical approach.

AFTER SUCCESSFUL COMPLETION



With exposure to advanced analytical instrumental facilities backed by theoretical clarity, a person will be able to develop precise evaluation approach for research and development activities/quality compliances besides running routine analytical tests depending upon individual's ability and dedication in learning the skill.

CONTENTS



- Introduction to Petroleum and Bitumen
- Overview of Bitumen specifications and test Methods as per BIS/IRC/SHRP
- Overview of Bitumen Lab
- Hands on Experience on Lab Test for Un aged bituminous binder as per various ASTM test methods
- Overview of Aging & storage stability of Bitumen
- Hands on Experience on Aging test of Bitumen(RTFOT)
- Introduction to Bitumen Emulsion
- Overview of Rheology of Bitumen and its significance in Bitumen Testing

IMPORTANT DATES

Last date for submission of application : 6th March 2026
Commencement of course : 9th to 13th March 2026

Seats are limited to a maximum of 15 Participants. Register early !

PRE-REQUISITES / QUALIFICATION

Having graduation and post graduation in Chemical Sciences
Age : 20-40years

WHO SHOULD JOIN

Resident Indian having desire to excel in the area of R&D/ Quality Control OR wants to acquire broad knowledge of testing and evaluation for competitive examinations.

SALIENT FEATURES OF THE PROGRAM

- Theory : Practices :: 20 : 80
- Small group of Trainees in each program.
- Interactive sessions for in-depth knowledge sharing.
- Evaluation of trainees will consist of both Theory & Practical component.
- Certificates will be awarded on successful completion of the training.

COURSE FEES / TERMS AND CONDITIONS

A non-refundable course fee of ₹1000 (Rupees One Thousand only) per person is applicable for students/unemployed candidates, and ₹15,000 (Rupees Fifteen Thousand only) for sponsored candidates.

The SC/ST/EWS candidate will get 25% discount in the above fee structure. Course Fee shall be paid through electronic mode after confirmation only.

Boarding & Lodging charges extra as per the prevailing rates of IIP Hostel and Subject to availability.

[Registration Form \(Click To Download \)](#)

Bank Account Details facilitating e-transfer of Payment :

Name of Bank : State Bank of India

Name of the account holder : Director, Indian Institute of Petroleum, Dehradun.

Bank Account No : 30266912400

Branch : IIP Township, Mohkampur Dehradun, India

SWIFT Code : SBININBB380

11 Digit IFS Code : SBIN0002359

TRAINING VENUE : CSIR-Indian Institute Of Petroleum P.O.: IIP Mohkampur, Haridwar Road, Dehradun-248005, Uttarakhand (India).