



CSIR-INDIAN INSTITUTE OF PETROLEUM

(Council of Scientific & Industrial Research)

P.O. IIP Mohkampur, Haridwar Road,
Dehradun-248 005, Uttarakhand (India)

Website: www.iip.res.in



Basic Skill Development Training Program on 'Glass Blowing'

Introduction

With experienced and qualified staff and comprehensive state-of-the-art R&D facilities the institute maintains its leading position in conducting training programs for the personnel from refining, petrochemical, automotive, power and related user industry. More than 8000 personnel from India and abroad have been trained on different requirements.

As per the initiatives taken by the Institute for 'CSIR-IIP Integrated Skill Development Training Programs' applications are invited from eligible Indian nationals for the program on 'Glass Blowing'.

Our Glass blowing Workshop is equipped with range of glass blowing tools, auxiliary equipment, raw material and consumables etc. Training booths in Glass Blowing workshop have correct ventilation and correct screening to protect trainees.

Objectives & Scope

Training is aimed at providing detailed introduction to in-depth hands on practice to those new to the industry or wishing to develop their career further in the Glass Blowing /molding area.

Course contents

- Different Types of Glasses,
- Glass thermal properties,
- Identification of different types of glasses,
- Working point, Annealing point,
- Flame annealing of glass,
- Strain point,
- Coefficient of thermal expansion of glasses,
- Bursting pressure of pyrex.
- Introduction to Glass blowing equipments, pressure regulator, glass blowing burners,
- Different types of flames,
- Heat resistant cloths and wares

- Preliminary glass blowing operations
- Fire polishing and flared ends,
- Round bottom / Flat bottom tubes,
- Sealing cracks,
- Glass fusion,
- Glass tube bending, cutting, grinding, surfacing and joints.
- Fundamentals of glass blowing seals: straight seals, T-seals by rotation,
- Bulb forms, capillary tubing, test tube with different open edges.
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After successful completion

A person will be able to execute from routine blowing operations, fabricating hardware for R&D experiment to creating designer decorative items depending upon his caliber and dedication in learning the skill.

Pre-requisites

No pre-requisites beside educational qualification being high school/Class 10 passed.
20 - 45 years of age.
(Age/qualification relaxation as per Govt. of India rules / discretion of Director, CSIR-IIP).

Who Should join

Any Indian citizen having strong desire to excel in niche area of Glass Blowing either by raising his own workshop for tapping R&D experimental set-up requirements, the decorative item market or simply making carrier with companies already in the field.

Salient features of the program

- Theory: Practical :: 20 : 80
- Small group of 03 Trainees in each program.
- Interactive sessions Glass Blowing floor 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.

Contact for Registration

Please send hard copy of application and documents at following address

Sh C D Sharma
Co-ordinator, Skill Development Training Program
CSIR-Indian Institute of Petroleum
Mohkampur, Haridwar Road
Dehradun 248005

You may also correspond, send soft copy of application at following e-mail:

e-mail: cdsharma@iip.res.in
e-mail: aniljain@iip.res.in

Contact phone nos.

Sh C D Sharma, Tel No 0135-2525778, M- 9412028789,
Dr Anil K Jain, Tel 0135- 2525751(O), M-9897119578

Course Fees / Terms and Conditions

A non-refundable course fee of Rs.12,000/-(Rupees Twelve Thousand only) for Student/unemployed candidate and Rs.60,000/-(Rupees Sixty Thousand only) for Company sponsored candidate to be paid at the time of admission.

Course Fee shall be paid through E-payment option.

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
Contact Person : Dr. Anil K Jain,
e-mail : aniljain@iip.res.in

SWIFT Code : SBININBB380
11 Digit IFS Code : SBIN0002359
MICR No. : 248002007
GSTIN : 05AAATC2716R2ZK

How to Apply & Selection

- Candidates have to apply as per the application format in the given link below.
- Selection will be made based on criteria after scrutiny of applications.
- All documents in original to be shown on the interview/ selection day and one self-attested set of documents to be submitted on date of interview/selection

Form download (PDF) <http://www.iip.res.in/skill/form18.pdf>

Form download (MS Word) <http://www.iip.res.in/skill/form18.doc>

Training venue : CSIR-Indian Institute Of Petroleum

P.O.: IIP Mohkampur, Haridwar Road, Dehradun-248 005, Uttarakhand (India).

No TA/DA and accommodation for interview will be provided to the candidates.

Important dates

Last date for submission of Application	:	08/05/18
Declaration of participant	:	10/05/18
Enrolment dates	:	11/05/18
Commencement of course	:	14/05/18

CSIR-Indian Institute of Petroleum, Dehradun