

CSIR-Skill Development Training Program
Last Date for Receipt of Application: 11th September, 2017

CSIR-Indian Institute of Petroleum (CSIR-IIP) is a leading constituent laboratory of the Council of Scientific & Industrial Research (CSIR), dedicated towards multidisciplinary R&D programs of both basic and applied nature across scientific disciplines. The institute having rich legacy of being a pioneer in Petroleum & Hydrocarbon industry is presently engaged in development of green technologies to cater energy requirements of modern world.

With experienced and qualified staff and comprehensive state-of-art R&D facilities the institute maintains its leading position in conducting training programs for the personnel from refining industry, petrochemical industry, automotive sector, power plants and other related user industry. Since inception IIP has trained more than 7000 personnel from India and abroad.

The institute is now ushering in for 'Skill Development' programs as contribution towards National Skill Development Mission thereby invites application from eligible Indian nationals for the following program commencing 22nd September 2017.

Sl. No	Training Programs	Duration	No. of Seats	Eligibility Criteria	Age Limit*
1.	Basic Skill Development Training program on Glass Blowing	22/09/2017 - 21/12/2017 (03 months)	05	Basic educational qualification Class 10 (High School) passed.	21-30 Years

*Age relaxation as per Govt. of India Rules/discretion of Director, CSIR-IIP.

➤ **Course Objective:**

Training is aimed at providing detailed introduction to in-depth hands on practice to those new to the industry or wishing to develop their careers further in the relevant area.

➤ **Salient feature of the training :**

- Theory: Practices = 40:60.
- Small group of 05 Trainees in each programme.
- Interactive sessions on Glass Blowing floor.
- Motivation for self employment, Entrepreneurship development & personality development.
- Certificates /Skill cards will be awarded on successful completion of the training.

➤ **Evaluation of Trainees:**

- Evaluation through Theory and Practical examination.

➤ **Infrastructure:** CSIR-IIP has well ventilated class rooms with teaching aids, adequately qualified teachers and instructors with administrative support. The academic environment encourages learning process with availability of books, videos of processes and presentations.



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



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➤ **Course schedule for Glassblowing**

Sl. No.	Course Name	Duration
A.	Different Types of Glasses, Glass thermal properties, Identification of different types of glasses, Physical properties of glass, Working point, Annealing point, Flame annealing of glass, Strain point, Coefficient of thermal expansion of glasses, Bursting pressure of pyrex .	04 weeks
B.	Introduction to Glass blowing equipments, pressure regulator, glass blowing burners, Different types of flames, Heat resistant cloths and wares.	02 weeks
C.	Preliminary glass blowing operations Fire polishing and flared ends, Round bottom tubes, Flat bottom tubes, Healing cracks, Glass fusion, Glass tube bending, cutting, grinding, surfacing and joints.	02 weeks
D.	Fundamentals of glass blowing seals: straight seals, T-seals by rotation, Bulb forms, capillary tubing, test tube with different open edges.	02 Weeks
E.	Sealing glass to metals: Ampule preparation and vacuum sealing of quartz glass.	02 weeks

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.



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Course fee:

A non-refundable course fee of Rs.12000/-(Twelve thousand only) to be paid at the time of admission .Course Fee shall be paid by E-payment option .

Bank Account Details facilitating e-transfer of Funds/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

Other Information:

- It's a 'Non-residential' program.
- 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.

How to apply and Selection:

- Candidates have to apply as per the application format given in this advertisement.
- Selection will be made based on walk-in-interview.
- All documents in original to be shown on the interview day. One self-attested set of documents to be submitted on the date of interview.

Co-ordinator: Sh. C. D. Sharma Phone (Off): 0135-2525 778/751; e-mail: cdsharma@iip.res.in

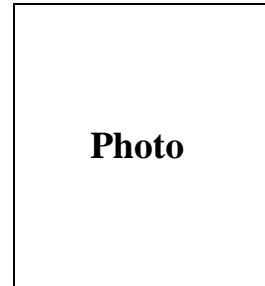
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Application form

The Director,
CSIR-Indian Institute of Petroleum
P.O.: IIP, Mohkampur, Dehradun (Uttarakhand) - 248 005

1. Name of the Candidate: _____
2. Father's / Guardian's Name: _____
3. Category: SC / ST / OBC / General : _____
4. Date of Birth: _____
5. ID Proof (Aadhar card/Voter ID/Driving Licence): _____
6. Permanent Address: _____



7. Communication Address: _____

8. Educational Qualification: _____

9. Computer knowledge : _____

10. Any other (Employment history/ relevant training acquired): _____

11. Phone No(s) : _____

E – Mail : _____

12. Course Name applied for: _____

I _____ hereby declare that statements made in the application are true, complete and correct to the best of my knowledge and belief, and in the event if any of the information is found false or incorrect or any ineligibility, my candidature is liable to be cancelled and action may be initiated against me.

(Candidate's Signature)

Enclosures: Certificates in support of the above-mentioned information/claims.