

PREAMBLE OF TRAINING PROGRAMMES

Indian Pharmacopoeia Commission- Ghaziabad

To conduct training for analysts, regulators, and stake holders is one of the important mandate of Indian Pharmacopoeia Commission, Ghaziabad. IPC is regularly conducting training programme for government analysts, bench chemists, drug inspectors and stake holders to enhance their skills and knowledge for better understanding of techniques used in analysis for better quality control of drugs and as per regulatory perspectives.

Training Programme conducted by IPC

For government drugs analyst's three training programmes were organized by Indian Pharmacopoeia Commission, Ghaziabad on various analytical instruments & techniques. The details are as below:

S. No.	Date of training	Title	Number of Participants	No. of states
01	25/11/2013 to 06/12/2013	1 st Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	41	13
02	30/06/2014 to 11/07/2014	2 nd Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	53	18
03	19/01/2015 to 23/01/2015	3 rd Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	49	15
04	07/09/2015 to 01/10/2015	4 th Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	35	14
05	05/04/2016 to 05/05/2016	5 th Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	35	12
06	12/07/2016 to 12/08/2016	6 th Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	25	7 state and 4 central labs

07	20/03/2017 to 31/03/2017	7 th Training Programme on Various Analytical Instruments & Techniques for Government Drugs Analysts.	40	12 States
08	22/01/2018 to 02/02/2018	08 th Training Programme on Sophisticated Instrument HPLC and GC used for Drugs & Pharma Analysis	29	12 States
09	29/04/2019 to 03/05/2019	09 th Advance Training Programme on “High Performance Liquid Chromatography (HPLC) and Dissolution test apparatus” used for Drugs & Pharma Analysis	42	15 States
Total No. of Participants: 349				

Indian Pharmacopoeia Commission, Ghaziabad has conducted two induction courses for drug inspectors in collaboration with CDSCO and one training programme for drugs inspectors on regulatory aspects till date. The details are as below:

S. No.	Date of training	Title	Number of Participants
01	15/07/2013 to 02/08/2013	Induction training courses for Drugs Inspectors of Central Drugs Standard Control Organization in collaboration with Indian Pharmacopoeia Commission	30
02	02/09/2013 to 20/09/2013	Induction training courses for Drugs Inspectors of Central Drugs Standard Control Organization in collaboration with Indian Pharmacopoeia Commission	41
03	27/08/2014 to 29/08/2014	Training programme for Drugs Inspectors on Regulatory Aspects	42
Total No. of Drugs Inspector Participated: 113			

Indian Pharmacopoeia Commission, Ghaziabad has conducted one day courses for drug inspectors and Government Analysts in collaboration with CDSCO. The details are as below:

S. No.	Date of training	Title	Number of Participants	No. of states
01	13/05/2016	One day Training Programme for Indian Drugs Regulators and Government Analysts of States/UTs and CDSCO on “RISK BASED INSPECTIONS OF THE MANUFATURING FACILITIES from 09th May 2016 to 14th May 2016.	75	DI, ADI ADC(I)
02	27 th May 2016	One day Training Programme for Indian Drugs Regulators and Government Analysts of States/UTs and CDSCO on “RISK BASED INSPECTIONS OF THE MANUFATURING FACILITIES from 23 rd May 2016 to 28 th May 2016.	65	DI, ADI ADC(I)
03	15 th July 2016	One day Training Programme for Indian Drugs Regulators and Government Analysts of States/UTs and CDSCO on “RISK BASED INSPECTIONS OF THE MANUFATURING FACILITIES from 11 th July 2016 to 16 th July 2016.	60	DI, ADI ADC(I)
04	23 rd September 2016	One day Training Programme for Indian Drugs Regulators and Government Analysts of States/UTs and CDSCO on “RISK BASED INSPECTIONS OF THE MANUFATURING FACILITIES from 19 th September 2016 to 24 th September 2016.	62	DI, ADI, ADC(I)
Total Number of Participants: 262				

For strengthening the national regulatory authority two weeks training programme was organized for the newly promoted assistant drugs controller. The details are as below:

S. No.	Date of Training	Title	Number of Participants	No. of states
01	01/06/2015 to 12/06/2015	Training Programme for New Promoted Assistant Drug controllers (ADC) of Central Drug Standard Control Organization (CDSCO) for Strengthening of National Regulatory Authority (NRA)	14	HQ-CDSCO
02	15-19 th May 2017	Training programme of ADI	16	HQ-CDSCO
03	22-26 May 2017	Training programme of ADI	16	HQ-CDSCO
04	29 May and 02 June 2017	Training programme of ADI	17	HQ-CDSCO
05	3 Month	DI	7	HQ-CDSCO
06	2.5 Month	ADI	4	HQ-CDSCO
07	3 Months	DI	22	HQ-CDSCO
Total No. of Participants DI/ADI: 96				

Indian Pharmacopoeia Commission, Ghaziabad conducted one day workshop in Chandigarh and Mumbai for awareness on I.P. and IPRS to the stake holder from the industries. The details are as below:

S. No.	Date of Training	Title	Number of Participants
01	17 th March, 2015	One Day Workshop on Awareness Programme of Indian Pharmacopoeia and Indian Pharmacopoeia Reference Standard-Chandigarh	215
02	07 th October 2015	One Day Workshop on Awareness Programme of Indian Pharmacopoeia and Indian Pharmacopoeia-. Reference Standard- Mumbai.	180
03	07 th July 2016	One Day Workshop on Awareness Programme of Indian Pharmacopoeia and Indian Pharmacopoeia-. Reference Standard- Ahmedabad	190
04	20 th Oct 2016	One Day Workshop on Awareness Programme of Indian Pharmacopoeia and Indian Pharmacopoeia-. Reference Standard- Chandigarh	400 approx
05	02 nd February 2017	One Day Workshop on Awareness Programme of Indian Pharmacopoeia and Indian Pharmacopoeia-. Reference Standard- Hyderabad	200 approx
06	01 st June 2017	One Day Awareness Programme “IP and USP user forum for effective use of Pharmacopoeia and Reference Standards” at Haridwar	190 Approx
07	26 th To 27 th April 2018	IPC-EDQM symposium on Drugs Standards and Regulatory Updates at Mumbai jointly organized by IPC with EDQM	140 participants and 10 member of EDQM
Total Number of Stakeholder Participated = 1375			

Foreign Delegate Training

S. No.	Date of Training	Title	Number of Participants	Name of Country Participated
01	16 th November 2015 to 27 th November 2015	Technical study tour of quality analysts of Medicine Control Laboratory of Central Joint Laboratory of Mongolia at Indian Pharmacopoeia Commission, Ghaziabad-INDIA	06	Mongolia
02	25 th June to 07 th July 2018	Ethiopian Student of M/s Sharda University have completed their training programme.	07	Ethiopian
03	03 rd October 2017 to 10 th October 2017	Nepal Study Tour for Nepal Officials on Instrumentation	04	Nepal
04	23 rd October 2018 to 25 th October 2018	Training programme entitled “06 th WHO Bi-annual Interregional Seminar for Quality Control Laboratories (QCLs) involved in WHO prequalification” total 52 Foreign delegates from 33 different countries has participated in the programme	52	32 different country
Total no. of Foreign Delegates Participated : 62				

For strengthening the national central testing laboratory of India one training programme was recently organized by IPC to bring awareness on accreditation process of NABL 17025. The details are as below:

S. No.	Date of Training	Title	Number of Participants	No. of states
01	12/10/2015 to 15/10/2015	Training Programme on ISO 17025:2005 For Central And State Drugs Testing Laboratories	33	6 Central lab and 06 different states
02	30/11/2015 to 03/12/2015	Second Training Programme on ISO 17025:2005 For Central And State Drugs Testing Laboratories	24	12 different states
03	02/02/2016 to 05/02/2016	Third Training Programme on ISO 17025:2005 For Central And State Drugs Testing Laboratories	26	2 Central lab and 10 different states
Total No. of Participants = 83				

Certificate Course:

Indian Pharmacopoeia Commission has launched first time Three Month Certificate Course for Pharma Student on Pharmaceuticals Analysis. Total No. of 14 Student join this certificate course. The course was started from 01st August 2017 and will be end on 31st October 2017.

Title of the Course: Three Month Certificate Course for Pharmaceutical Analysis

Number of Student Registered: 14

Objective of Training Programme

- To develop or enhance analytical skills/ technical knowledge of participants in new analytical areas to prepare them to strengthen the quality medicine for betterment of health of Indian population.
- To broaden experience of an area of work of participants with an opportunity to learn analytical concepts.
- To create the awareness about the present scenario of drug testing and to better understand the regulatory aspects.

Scope of Training Programme

- To provide hands on training to participants on various highly sophisticated analytical instruments like HPLC/ UV/ FTIR with Microscope/ KF autotitrator/ Potentiometer/ LC-MS/MS/ GC-MS/ GC-MS/ ICP-MS/ AAS/ NMR etc.
- To provide or develop awareness on different analytical skills through presentation/ lecture/ seminar from experts throughout the country.
- To create awareness about the present scenario in India related to the regulatory aspects.

Content of Training Programme

The training programme is designed in a systematic way such that the classroom presentations were followed by the hands on training on modern analytical instruments like HPLC, GC, IR, UV, KF titrator, potentiometric titrator etc. Topics included in the curriculum will cover all the facts of professional and personal challenges for the drugs analyst. Training will include presentation from various experts in different discipline from all over the country. Pre assessment and post assessment of participants is done to evaluate the effectiveness of training programme. All the participants are divided into the few groups and round of question answer conducted to interact each group to other and share their awareness on analysis.

Outcome of Training Programme

These training programmes will help the participants to enhance their skills on various modern sophisticated analytical instruments which are available with their respective laboratories and also provide the awareness of instruments which are available with the Indian Pharmacopoeia Commission, Ghaziabad but are not available in their respective laboratories.

Presentation given by the experts on various useful topics e.g. dissolution, GLP, ISO:17025, LCMS, AAS, method development, method validation, column chemistry, GDP, advanced or developed awareness on different analytical skills to enhance the knowledge of the participants.

Also the same training programme will help the participants to create awareness in the field of drug testing with regard to regulatory aspects in present scenario.

IPC organizes skill development programs/workshop for professional:

S. No.	Attendees	No. of Training	No. of Participants
1.	Stakeholder	06	1385
2.	Drug Regulators	12	443
3.	Analysts	08	307
4.	Students (Including Three Month Certificate Course)	-----	67
5.	Mongolia + Nepal	02	10
6.	Drugs Analysts with QA responsibility on NABL Training	03	83