# VIDARBHA YOUTH WELFARE SOCIETY'S INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon (Meghe), Wardha

Institutional Programme Brochure/Notice for Certificate/Value-added Programs with Course Modules and Outcomes



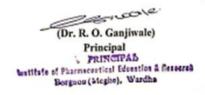


# VIDARBHA YOUTH WELFARE SOCIETY'S INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon (Meghe), Wardha

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# List of Training Certificate Courses

### **Department of Quality Assurance:**

Sr. No.	Certificate Code	Title of the Certificate Course
1	CQA 01	Training in High performance Liquid Chromatography (HPLC)
2	CQA 02	Training in High {Performance Thin Layer Chromatography (HPTLC)
3	CQA 03	Training in Fourier Transform Infrared Spectroscopy (FT-IR)
4	CQA 04	Training in (GC)
5	CQA 05	Training in UV- Visible Spectroscopy (UV-vis.)
6	CQA 06	Training in Atomic absorption Spectrophotometer (AAS)
7.	CQA 07	Training in Combi Instruments (UV+ FTIR)

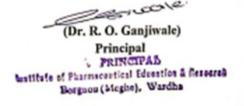
### **Department of Pharmaceutics:**

Sr. No.	Certificate Code	Title of the Certificate Course
1	CPH 01	Training in pilot plant scale up
2	CPH 02	Training in development of solid dosage forms
3	CPH 03	Taming in development of semi solid formulations
4	CPH 04	Training in development of micro and nanocarriers

### Department of Pharmacology:

Sr. No.	Certificate Code	Tittle of the Certificate Course						
1	CPL 01	Training in animal handling and care						
2	CPL 02	Training in clinical chemistry analyser: A tool for estimation of various biochemical parameters in blood and plasma						
3	CPL 03	Fraining in estimation of Haematological parameters						
4	CPL 04	Training in evaluation of Cardiovascular functions (Blood pressure and ECG) in laboratories animals						
5	CPL 05	Training on hepatoprotective activity in Rats						
6	CPL 06	Training on antidiabetic activity in Rats						
7	CPL 07	Training on hypolipidemic activity in Rats						
8	CPL 08	Training on analgesic and anti-inflammatory activity						
9	CPL 09	Training on CNS acting drugs in various animal models: antialzheimer's/anti-psychotic etc.						
10	CPL 10	Training on acute toxicity study						





#### **Training Certificate Courses**

#### **Learning Outcomes**

After completing the Certificate course, students shall be able to

- CO1. Operate sophisticated instruments like UV-VIS Spectrophotometer, HPLC, HPTLC, FTIR, GC, AAS, Rheometer, High speed homogenizer, rotary evaporator, freeze dryer, Clinical chemistry analyzer, Biopac etc independently and confidently.
- CO2. Prepare samples for analysis and interpret results of analysis done on HPLC, HPTLC, FTIR, AAS etc.
- CO3. Understand the critical parameters for designing and thereby successfully formulate advanced formulations like polymeric nanoparticles, solid lipid nanoparticles, nanostructured lipid carriers and liposomes.
- CO4. Handle and care animals, withdraw biological fluids and carry out various pharmacological activities.
- CO5. Design and perform acute toxicity studies.



(Dr. R. O. Ganjiwale)

Principal

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Borgmon (Megho), Wardha

## Vidarbha Youth Welfare Society's INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH **BORGAON (MEGHE), WARDHA-442 001 MAHARASHTRA STATE**



# **Training Modules**

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#### **Introduction -**

The Institute of Pharmaceutical Education and Research, is one of the pioneering pharmacy institutes in India, established in 1991. It imparts quality pharmaceutical education including Degree, Post-graduate and Doctorate courses in Pharmaceutical Sciences. Around 400 students from all corners of India are studying in the institute. A beautiful campus of institute is spread in area of 5 acres. Well equipped laboratories, sophisticated instruments, rich library, qualified and experienced staff and high academic standards have made the institute one of the premier institutes in the Central India.

Institute is accredited by NBA, NAAC with A grade and certified by ISO 9001-2000. IPER is recognized as a centre for research and higher education by Nagpur University. The institute is permanently affiliated to R.T.M. Nagpur University and got recognition from University Grant Commission (UGC) under section 2(f) and 12(b) of UGC Act, 1956.

The institute aims of linking of Technical Education with Industry to train and develop the right kind of technical manpower necessary to sustain and promote industrial and academic growth.

In keeping with its objectives of imparting quality education, IPER has started training certificate courses to provide hands-on training to its students and other members of profession.

A certificate will be awarded to all candidates after successful completion of training courses. For grant of certificate percent attendance must be more than 80%.





#### I. Department of Quality Assurance/Pharmaceutical Chemistry

The spectroscopy Lab. of IPER is well equipped with several sophisticated instrument viz. HPLC, HPTLC, GC, FT-IR, UV-Vis. and AAS. The training includes hands on operation of these analytical instrument. Each training certificate course will be of 30 h duration.

Title of the Certificate Course: Training in High Performance Liquid Chromatography

Certificate Code: CQA 01

Training Period: 6 days x 5 hours

**Course Content and Schedule** 

Day 1 : Theoretical and instrumental background of HPLC and its

calibration

Day 2 : Selection of method, drug and mobile phase from official

compendia, purging and conditioning of system, trouble-

shooting, running of standard, plot of calibration curve.

**Day 3** : Determination of system suitability parameters

**Day 4** : Running of samples and validation

Day 5 : Self practical training

**Day 6** : Interpretation of results and discussion

(Dr. R. O. Ganjiwale)

Principal

PRINCIPAD

Lastitute of Pharmacontical Education & Resocration (Meghe), Wardha

Title of the Certificate Course: Training in High Performance Thin Layer

**Chromatography (HPTLC)** 

Certificate Code: CQA 02

Training Period: 6 days x 5 hours

#### **Course Content and Schedule**

Day 1 : Theoretical and instrumental background of HPTLC and its

calibration

**Day 2** : Preparation of sample and analyte solution.

**Day 3** : Wavelength selection, plot of calibration curve. Development of

method for analyte/sample.

**Day 4** : Determination of system suitability parameters/repeatability

study

Day 5 : Self practical training

**Day 6** : Interpretation of results and discussion

Title of the Certificate Course: Training in Fourier Transform Infrared Spectroscopy (FT-IR)

Certificate Code: CQA 03

Training Period: 6 days x 5 hours

**Course Content and Schedule** 

Day 1 : Theoretical and instrumental background of FT-IR and its

calibration

Day 2 : Practice on preparation of KBr pellet, identification of

compound by comparison with the reference spectrum using

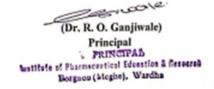
fingerprint region

Day 3 : Study of effect of various factors e.g. H-bonding, hybridization

etc. that affect vibrational frequency

Day 4 : Spectral interpretation by application of vibrational group





#### frequencies

Day 5 : Self practical training

Day 6 : How to monitor chemical reaction by IR spectroscopy.

Interpretation of results and discussion

Title of the Certificate Course: Training in Gas Chromatography (GC)

Certificate Code: CQA 04

Training Period: 6 days x 5 hours

**Course Content and Schedule** 

Day 1 : Theoretical and instrumental background of GC including

handling of software and conditioning of system

Day 2 : Plot of calibration curve, study of system suitability

parameter/repeatability study.

Day 3 : Extraction of volatile matter by suitable method

**Day 4** : Analysis of extracted samples and validation

Day 5 : Self practical training

**Day 6** : Interpretation of results and discussion





Title of the Certificate Course: Training in UV-Visible Spectrophotometer (UV-Vis.)

Certificate Code: CQA 05

Training Period: 6 days x 5 hours

#### **Course Content and Schedule**

Day 1 : Theoretical and instrumental background of UV-Vis.

spectrophotometer and its calibration. Spectrophotometric

determination of \( \lambda \) max by scanning in UV-Visible range

Day 2 : Effect of solvent, pH etc on  $\lambda$ max and study of fundamental

relationship between concentration and absorbance

**Day 3** : Analysis of laboratory mixture

**Day 4** : Analysis of marketed formulation and validation parameters

Day 5 : Self practical training

**Day 6** : Interpretation of results and discussion

Title of the Certificate Course: Training in Atomic Absorption Spectrophotometer (AAS)

Certificate Code: CQA 06

Training Period: 6 days x 5 hours

**Course Content and Schedule** 

Day 1 : Theoretical and instrumental background of AAS

Day 2 : Preparation of calibration curve and study of various

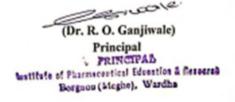
instrumental parameters

Day 3 : Digestion of sample

**Day 4** : Running of digested sample for selected trace elements

Day 5 : Self t

Day 6 : Interp



Title of the Certificate Course: Training in Combi Instruments (UV+FTIR)

Certificate Code: CQA 07

Training Period: 6 days x 5 hours

#### **Course Content and Schedule**

Day 1 : Theoretical and instrumental background of UV-Vis. Spectrophotometer, its calibration. Spectrophotometric determination of  $\lambda$ max by scanning in UV-Visible range, Preparation of calibration curve and study of various instrumental parameters

Day 2 : Effect of solvent, pH etc on λmax and study of fundamental relationship between concentration and absorbance.

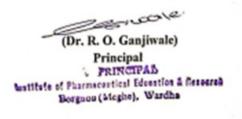
**Day 3** : Analysis of laboratory mixtures and formulations.

Day 4 : Theoretical and instrumental background of FT-IR and its calibration

Day 5 : Practice on preparation of KBr pellet, identification of compound by comparison with the reference spectrum using fingerprint region. Study of effect of various factors e.g. Hbonding, hybridization etc. that affect vibrational frequency

Day 6 : Spectral interpretation by application of vibrational group frequencies





#### II. Department of Pharmaceutics

The pilot plant of the IPER is well equipped with several sophisticated and automated instruments like 16 Station Rotary Compression Machine, Pharma R and D Coater, Automated Capsule Filling Machine, Brookefield Viscometer CAP 2000+, Rheometer, Spray Dryer, Lyophilizer, Rotary Flash Evaporator, High Shear Homogenizer etc for development of variety of formulations. The department aims to enable the students gather proficient in handling, operating and maintaining highly sophisticated and automated instruments, which are used for formulation of different types of dosage forms.

Title of the Certificate Course: Training in Pilot Plant Scale-up

Certificate Code: CPH 01

Training Period: 6 days x 5 hours

The training programme is designed to provide practical experience in handling and operating instruments for basic unit operations like size reduction, mixing and drying.

**Instruments:** Hammer mill, colloid mill, triple roller mill, multi mill, mass mixer, planetary mixer, double cone blender, fluid bed dryer, spray dryer, lyophilizer.

#### **Course Content and Schedule**

**Day 1** Theoretical basis of size reduction, principles in size reduction, importance of size reduction in formulation.

Handling and operation of hammer mill, colloid mill, triple roller mill, multi mill, understanding critical factors affecting milling.

Day 2 Principles in mixing, importance, effects of demixing on formulation.

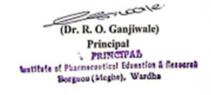
Handling and operation of mass mixer, planetary mixer, double cone blender. Understanding critical processing factors in these equipment.

**Day 3** Theory of heat and mass transfer, drying behavior of different types of solids.

Operation of Fluid Bed Dryer. Study of operation variables and optimization of conditions

Day 4 Principles of Spray Drying, Operation of Spray dryer, study of operating





variables, cleaning and maintenance of spray dryer.

**Day 5** Principles of lyophilizer, Applications of lyophilization, handling and operation of lyophilizer

**Day 6** Practice on Fluid Bed Dryer and Spray Dryer using several samples.

Title of the Certificate Course: Training in Development of Solid Dosage Forms

**Certificate Code: CPH 02** 

Training Period: 6 days x 5 hours

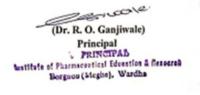
The training programme is designed to provide most comprehensive range of training in formulation and evaluation of tablets and capsule. It will also provide technical and practical skills in formulation development.

**Instruments:** Mass mixer, fluid bed granulator, double cone blender, rotary compression machine (16 station), Pharma R and D Coater, Digital Tablet Hardness Tester, Automated Tablet Disintegration Apparatus, Dissolution Rate Test Apparatus (8 station), Automated Capsule Filling Machine

#### **Course Content and Schedule**

- **Day 1** Operation of mass mixer and fluid bed granulator.
- **Day 2** Characterization of granules, blending of granules with lubricants and disintegrants, operation of double cone blender
- **Day 3** Understanding physics of compression, setting of rotary compression machine, understanding operating variables of compression machine
- Day 4 Selection of polymer and solvent for coating, learning basic principle and operation of Pharma R and D Coater. effect of delivery rate of coating solution, effect of distance of hot air nozzle during drying on film characteristics. Optimizing process variables for coating
- Day 5 .Understanding setting of Automated Capsule Filling Machine, Learning Operating variables of the machine
- **Day 6** Operation of Dissolution Rate Test Apparatus and dissolution study on some tablets and capsules.





#### Title of the Certificate Course: Training in Development of Semi-solid Formulations

Certificate Code: CPH 03

#### Training Period: 6 days x 5 hours

The training programme will provide technical and practical skills in handling and operating equipments for development of semisolid preparations like ointment, semisolid emulsions and gels.

Instruments: Triple Roller Mill, High Speed Emulsifier, Sonicator, Homogenizer, Brookfield Viscometer CAP 2000+, R/S Plus Rheometer

Training Period: 6 days x 5 h

#### **Course Content and Schedule**

- **Day 1** Study of different types of ointment bases and their characteristics, basics of formulation of emulsions and their stabilization, study of gelling agents.
- **Day 2** Preparation of ointment on triple roller mill, understanding formulation variables.
- **Day 3** Preparation of emulsion using high speed emulsifier and gels using sonicator and homogenizer.
- **Day 4** Understanding working of Brookfield Viscometer CAP 2000+, learning creation of programme and running it, learning thermal characterization of thermosensitive gels.
- **Day 5** Understanding programming in R/S Plus Rheometer. Learning rheological and viscoelastic property of different formulations, operating Rheometer under different modes
- Day 6 Self operation of Brookfield Viscometer CAP 2000+ and R/S Plus Rheometer





#### Title of the Certificate Course: Training in Development of Micro and Nanoparticles

Certificate Code: CPH 04

Training Period: 6 days x 5 h

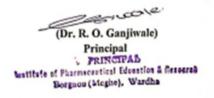
#### **Course Content and Schedule**

The programme is designed to provide most comprehensive range of training in formulation of some potential and novel particulate carriers. It will provide practical skills in handling some advanced instruments used in the development of particulate carriers.

**Instruments:** Spray Dryer, High Speed Homogenizer, High Speed Centrifuge, Lyophilizer, Rotary Flash Evaporator.

- **Day 1** General concept in formulation of microparticles and nanoparticles selection of polymers, different methods for preparation of microparticles.
- **Day 2** Preparation of microparticles by spray drying, understanding effect of different operating variables on microparticles
- **Day 3** General concept in formulation of nanoparticles, different methods for preparation of nanoparticles. Understanding different variables in nanoparticle formulation.
- **Day 4** Learning operation of high speed homogenizer, Preparation of nanoparticles (polymeric, solid lipid and nanostructured lipid carrier) by low energy emulsification.
- **Day 5** Preparation of liposomes by Rotary Flash Evaporator. Evaluation of liposomes and other nanoparticles.
- **Day 6** Evaluation of nanoparticles continued.





#### III. Department of Pharmacology

The Pharmacology Lab. of IPER is well equipped with several sophisticated instrument viz. Biopac, Clinical Chemistry Analyser, Automated Cell Counter, Imaging system, Optical density reader, Plethismometer, Microtome, Cooling centrifuge and various instruments for evaluation of behavioral and neurological activity in animals. The department has separate animal house as per the requirement of CPCSEA. The training includes -

Title of the Certificate Course: Training in animal handling and care

Certificate Code: CPL 01

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical information about various laboratory animals, their species, strain and use in experimental pharmacology.

**Day 2** : Demonstration of techniques of administrating drugs by different routes in animals.

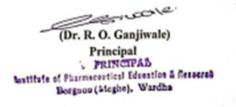
**Day 3** : Demonstration of techniques for withdrawal of blood from animals and its processing.

**Day 4** : Self-handling practice by students.

**Day 5** : Self-administration of formulation by oral, iv and intraperitonial route.

**Day 6** : Self-withdrawal of blood from animals by students.





Title of the Certificate Course: Training in clinical chemistry analyser: A tool for estimation of various biochemical parameters in blood and plasma

Certificate Code: CPL 02

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1:** Theoretical and instrumental background of Clinical Chemistry Analyser.

Day 2: Demonstration of blood withdrawal from animals and analysis of two

biochemical parameters.

**Day 3**: Self practical training and analysis of two biochemical parameters

Day 4 : Self practical training and analysis of two biochemical parameters

**Day 5**: Self practical training and analysis of two biochemical parameters

**Day 6**: Interpretation of results and discussion

Title of the Certificate Course: Training in estimation of Haematological parameters

Certificate Code: CPL 03

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical and instrumental background of Cell Counter.

Day 2 : Demonstration & Practice on preparing and running blood samples on Cell

Counter.

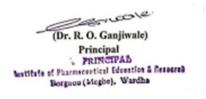
Day 3 : Self practical training

Day 4 : Self practical training

Day 5 : Self practical training

Day 6 : Self practical training





Title of the Certificate Course: Training in evaluation of Cardiovascular functions (Blood pressure and ECG) in laboratories animals

Certificate Code: CPL 04

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical and instrumental background of Biopac and its software.

Day 2 : Demonstration of preparing animals for recording and measurement of blood

pressure & ECG.

**Day 3** : Self practical training.

Day 4 : Self practical training to see effects of various drugs on blood pressure

Day 5 : Self practical training to see effects of various drugs on blood pressure and

**ECG** 

**Day 6:** Self practical training to see effects of various drugs on blood pressure and ECG

Title of the Certificate Course: Training on hepatoprotective activity in Rats

Certificate Code: CPL 05

Training Period: 6 days x 5 h

**Course Content and Schedule** 

Day 1 : Theoretical background about significance of estimation of hepatoprotective

activity and various methods use.

**Day 2** : Experimental induction of hepatotoxicity in rats.

**Day 3**: Estimation of blood for induction of hepatotoxicity & and administrations of

hepatoprotective drugs.

**Day 4** : Estimation of blood for effect and administrations of hepatoprotective drugs.

**Day 5** : Analysis of blood & Interpretation of results and discussion

Day 6 : Self practice





Title of the Certificate Course: Training on antidiabetic activity in Rats

Certificate Code: CPL 06

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical background about significance of estimation of antidiabetic

activity and various methods use of activity.

**Day 2** : Experimental induction of diabetes in rats.

**Day 3** : Estimation of blood for induction of diabetes and interpretation of results

**Day 4** : Administrations of various antidiabetic drugs.

**Day 5** : Analysis of blood & Interpretation of results and discussion

Day 6 : Practice

Title of the Certificate Course: Training on hypolipidemic activity in Rats

**Certificate Code: CPL 07** 

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical background about significance of estimation of hypolipidemic

activity and various methods for estimation of hypolilidemic activity.

**Day 2** : Experimental induction of hyperlipidemia in rats.

**Day 3:** Estimation of blood for induction of hyperlipidemia and interpretation of results

**Day 4** : Administrations of various lipid modifying drugs.

**Day 5** : Analysis of blood & Interpretation of results and discussion

Day 6 : Practice





Title of the Certificate Course: Training on analgesic and anti-inflammatory activity

Certificate Code: CPL 08

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical background about significance of estimation of analgesic activity

and various method used for estimation.

**Day 2** : Experimental evaluation of analgesic activity in rats using tail flick method.

**Day 3** : Experimental evaluation of analgesic activity in mice using hot plate method.

Day 4 : Interpretation of results and discussion

**Day 5** : Practice on analgesic drugs

**Day 6** : Practice on analgesic drugs

Title of the Certificate Course: Training on CNS acting drugs in various animal models: antialzheimer's/ anti-psychotic etc.

Certificate Code: CPL 09

Training Period: 6 days x 5 h

**Course Content and Schedule** 

Day 1 : Theoretical background about significance of estimation of antialzheimer

activity and various methods used for estimation of antialzheimer activity.

**Day 2** : Experimental induction of amnesia in rats.

**Day 3** : Experimental evaluation of effect of drugs on memory.

Day 4 : Interpretation of results and discussion

Day 5 : Practice

Day 6 : Practice





Title of the Certificate Course: Training on acute toxicity study

Certificate Code: CPL 10

Training Period: 6 days x 5 h

**Course Content and Schedule** 

**Day 1** : Theoretical background about significance of estimation of acute toxicity

study.

**Day 2** : Single dose administration of drug for acute toxicity testing in animals.

**Day 3** : Gross observations and some preliminary tests.

Day 4 : Observations and test

Day 5 : Observations and test

**Day 6** : Interpretation of results and discussion



(Dr. R. O. Ganjiwale)

Principal

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Borgnou (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

#### BORGOAN (Meghe), WARDHA

#### NOTICE

Ref. No. ADM/925/51

Date: 12/03/2018

Details of the training schedule for the month of March 2018 is as follows;

Department	Module No.	Programme	No. of days	Dates	Name of Students	Teacher-in- charge
Quality	2	HPTLC	06	22/03/2018-	7. Mr. A. S. Kuhikar	Dr. L. G.
Assurance	_	2 .		28/03/2018	2 Ms. A. S.	Rathi/Mr. G.
Assurance	, l l a		2		Mandekar	D. Dahikar
	*				3. Mr. A. S. Raut	
					4. Ms. D. D. Murarkar	
	8 2 2 2		6 0		5 Ms. D. M.	
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					6. Ms. P. M. Bhalkar	
			2.5		7. Mr. R. D. Akojwar	
	50 T				8. Ms. T. A. Gaikwad	122

(R. O. Ganjiwale)

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I/c Principal
I/c. PRINCIPAL

Institute of Pharmecentical Education & Research
Bergaon (Meghe), Wardha

Copy to:

I) Dr. L. G. Rathi

II) HOD's of concerned department

III) Concerned teacher incharge

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

### BORGOAN (Meghe), WARDHA

#### NOTICE

Ref. No. ADM/925/52

Date: 02/04/2018

Details of the training schedule for the month of April 2018 is as follows;

Department	Module No.	Programme	No. of days	Dates	Name of	Teacher-in-
Quality Assurance	1	HPLC	06	07/04/2018 13/04/2018	Nagdeote 2. Mr. P. P. Duphare 3. Ms. P. R. Naik	Rathi/ Ms. S. P. Gautam
	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		*		4. Ms. S.S. Kunjekar 5. Ms. V. R.	
Quality Assurance		HPLC	06	16/04/2018- 21/04/2018	Vaidya  1. Ms. R. R. Peddi  2. Ms. G. G. Bobade  3. Mr. A. D. Bele  4. Mr. A. B. Shingare  5. Mr. H. P. Moon  6. Mr. S. B. Zade  7. Ms. R. V. Tumdam	Dr. L. G. Rathi/ Ms. S. P. Gautam
Pharmacology Copy to:		Evaluation of analgesic activity .		07/04/2018- 13/04/2018	8 Ms. R. D. Gulghane 1 Ms. H. N. Joshi 2 Mr. M. B. Mangtani	Mr. A. M. Patole/ Mr. A. Y. Khan

I) Dr. L. G. Rathi

II) HOD's of concerned department

Concerned teacher incharge III)

(Dr. R. O.Ganjiwale) I/c Principal

institute of Pharmacautical Education & Research Borgson (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

#### Ref. No. ADM/925/61

Date: 16/02/2019

Schedule of the training programmes for M. PharmI

Department	Certificate Code	Title of the Certificate Programme	No. of days	Dates	Name of Students	Teacher- in-charge
Pharmaceutics	CPH 04	Training in development of micro and nanocarriers	06	18/02/19- 23/02/2019	1. Ms. K. K. Kharabe 2. Ms. T. B. Parshuramkar 3. Mr. A. V. Choutmal 4.Ms. M. N. Yengade 5. Mr. M. N. Khobragade 6.Ms. V. S. Vairagade	Dr. S. A. Khan
					7. Ms. K. D. Choudhary 8. Ms.A. V. Hadke 9. Ms. Trupti. B. Parshuramkar 10. Mr. M. A. Kesalkar	
		•			11.Ms. H. S. Bode 12. Mr. A. A. Gaikwad 13.Ms. m. G. Umate 14. Ms. M. P. Sarode 15. Ms. R. G.	
Pharmacology	CPL 02	Training in clinical chemistry analyser: A tool	06	18/02/19- 23/02/2019	Khadatkar  1. Ms. A. K. Aglawe  2. Ms. K. S. Kamble	Mr. Jyotiranjan Roul

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Assurance				23/02/2019	Nagare	Dahikar
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Quality Assurance	1			18/02/19- 23/02/2019	Bhoyar 10. Ms. K. S. Talekar 11. Ms. M. R. Zoting 12. Ms. S. A. Patekar 13. Ms. T. G. Shete 14. Mr.A.A. Sable 15. Mr. B.B. Moon 1. Ms.D. N. Nagare 2. Ms.R. A.	Mr. G. D. Dahikar

Details of the training schedule for the month of April 2019 is as follows;

Department	Certificate	Programme	No. of	Dates	Name of	Teacher-in-
	Code		days		Students	charge
Quality	1	HPLC	06	08/04/2019-	1. Mr. A. A.	Mr. G. D.
Assurance				13/04/2019	Gayakwa	Dahikar
					d	
					2. Mr. S.	
					Tapadia	
			1 2		3. Ms. R. D. Deshmuk	
					h	
			•		4. Ms. N.	
	10 X	- a		1= 1 8	Mahajan	a a
Quality	1	HPLC	06	08/04/2019-	1. Ms. D. D.	Mr. G. D.
Assurance		10 (100 940)1.009		13/04/2019	Giradkar	Dahikar
					2. Ms.S. B.	
				2	Shrikhand	ē.
					е	
					3. Ms. S. S.	
				2	Shambark	
					ar	3
					4. Ms. S. S. Dixit	
					5. Mr. V. C.	
					Dhote	=
					6. Ms. S. S.	
					Waghmar	
					е	T <sub>e</sub>
					7. Mr. P. D.	
×					Burle	
Pharmacology	2	Clinical	06	08/04/2019-	1. Ms. A. D.	Dr. Bhushan
		chemistry		13/04/2019	Ghate	Gandhare
		analyzer			2. Ms. D. D.	
					Mankar	
					3. Ms. P. P.	
					Chambha re	
					4. Ms. R. C.	
					Bhaimare	
			_		5. Ms. S. S.	
					Meghre	
					6. Mr. V. V.	
					Pawnikar	
					7. Ms. K. R.	

1 2			Wairagad
		*	e
	0	24 0	8. Ms. M. K.
		2	Gulhane

(R. O. Ganjiwale)

I/c Principal
... PRINCIPAL
Institute of Pharmacautical Education & Receased
Borgaon (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/58 61

Date: 08/04/2019

Details of the training schedule for the month of April 2019 is as follows;

Department	Module No.	Programme	No. of days	Dates	Name of Students	Teacher-in-
Pharmaceutics	1	HPLC	06	00/04/0040		charge
Filalinaceutics	1	HPLC	06	08/04/2019-	1. Mr. A. A.	Mr. G. D.
				13/04/2019	Gayakwad	Dahikar
		* 0			2. Mr. S.	
25					Tapadia	9 1
		3.0		e .	3. Ms. R. D.	
					Deshmukh	
**************************************					4. Ms. N.	e
		- m - 1 - 1			Mahajan	
Quality	1	HPLC	06	08/04/2019-	1. Ms. D. D.	Mr. G. D.
Assurance	K D			13/04/2019	Giradkar	Dahikar
				13,01,2013	2. Ms.S. B.	Dallikai
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				a 9 0	3. Ms. S. S.	
9 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	* , s				Shambark	
				-	ar	
					4. Ms. S. S.	
	· · · · · · · · · · · · · · · · · · ·				D!xit	
	*				5. Mr. V. C.	
					Dhote	
Ty as a last					6. Ms. S. S.	
*	6				Waghmar	
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	58 11				7. Mr. P. D.	
					Burle	
Pharmacology	2	Clinical	06	08/04/2019-	1. Ms. A. D.	Dr. Bhushan
0,		chemistry		13/04/2019	Ghate	Gandhare
	a 480	analyzer		13/04/2013	2. Ms. <b>D. D</b> .	Ganunare
3 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1		a.iuiyeei				
				,	Mankar	
3 d g					3. Ms. P. P.	
			0 0	3	Chambhar	
1 m					e	
					4. Ms. R. C.	

¥ _			Bhaimare	
	,	5.	Ms. <b>S. S.</b>	
			Meghre	
12		6.	Mr. V. V.	
	1 · · · · · · · · · · · · · · · · · · ·		Pawnikar	-
* "	2	7.	Ms. K. R.	
1			Wairagad	
	E		e	
7		8.	Ms. M. K.	
			Gulhane	

(R. O. Ganjiwale)

I/c Principal
I/c. PRINCIPAL
Institute of Pharmaceutical Education & Research
Borgaon (v.egile), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/71

Date: 18/01/2020

### **NOTICE**

Schedule of the training programmes for B. Pharm III Sem VI

Department	Certificate Code	Title of the Certificate Programme	No. of days	Dates	Roll No. of Students	Teacher- in-charge
Pharmaceutics	CPH 01	Training in pilot plant scale up	06	20/01/2020- 25/01/2020	Roll No. 1-32	Mr. S. P. Dewani
Pharmacology	CPL 01	Training in animal handling and care	06	20/01/2020- 25/01/2020	Roll No. 33- 64	Dr. B. R. Gandhare

Schedule of the training programmes for M. Pharm II

Department	Certificat e Code	Title of the Certificate Programme	No. of day s	Dates	Name of Students	Teacher-in- charge
Quality Assurance	CQA 01	Training in High performance Liquid Chromatograph y (HPLC)	06	10/02/2020 - 15/02/2020	1. Ms. K. K. Kharabe 2. Ms. T. B. Parshuramka r 3. Mr. A. V. Choutmal 4.Ms. M. N. Yengade	Mr. G. D. Dahikar

I	Training in High performance Liquid Chromatograph	06	10/02/2020 - 15/02/2020	Choudhary  1. Ms. A. K. Aglawe	Mr. G. D. Dahikar
I	Liquid Chromatograph	# E	15/02/2020	2 14- 1/ 6	Dailikai
1			25,02,2020	2. Ms. K. S. Kamble	
20, 20 0 10	y (HPLC)			3. Ms. M. A. Soni	
				4. Mr. S. D. Nimbalka	
	•			r 5. Mr. P. D. Gadkari	
B 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				6. Mr. K. K. Choudhar	
				y 7. Ms. Y. S. Mude	
1		06	10/02/2020	1. Ms.D. N.	Mr.
			- 15/02/2020	Nagare 2. Ms.R. A. Khandale	JyotiRanjanRou I
f	for estimation of		8	3. Ms. R. S. Dafale 4. Ms. Y. S.	
t   F   t	biochemical parameters in blood and			Gawande 5. Ms. S. A. Bandgar 6. Ms. V. N. Kokate 7.Mr. N. J.	
PL		clinical chemistry analyser: A tool for estimation of various biochemical parameters in	clinical chemistry analyser: A tool for estimation of various biochemical parameters in blood and	clinical chemistry analyser: A tool for estimation of various biochemical parameters in blood and	Nimbalka r 5. Mr. P. D. Gadkari 6. Mr. K. K. Choudhar y 7. Ms. Y. S. Mude  10/02/2020 1. Ms.D. N. Nagare 2. Ms.R. A. Khandale 3. Ms. R. S. Dafale 4. Ms. Y. S. Gawande 5. Ms. S. A. Bandgar 6. Ms. V. N. Kokate

Schedule of the training programmes for M. Pharm II

Department	Certificate Code	Title of the Certificate Programme		No. of days	Dates	Name of Students	Teacher- in-charge
Quality	CQA 07	Training Combi	in	06	17/02/2020-	1. Ms.A. V. Hadke	Dr. N. A

Assurance	e 6-	instruments	88 2 8	22/02/2020	2. Ms. Trupti.	.Karande
		(UV+ FTIR)			В.	
		*			Parshuramkar	
					3. Mr. M. A.	
					Kesalkar	
					4.Ms. H. S.	
					Bode	
					5. Mr. A. A.	*
	25	* 0			Gaikwad	
					6.Ms. m. G.	2
				×	Umate	*
					7. Ms. M. P.	
		ege a			Sarode	
		u .			8. Ms. R. G.	2 5
		The state of the s			Khadatkar	
Quality	CQA 02	Training in High	06	17/02/2020-	1. Ms. A. R.	Ms. S. P.
Assurance		{Performance		22/02/2020	Jagtap	Gautam
T g		Thin Layer			2. Ms. H. A.	
V		Chromatography			Bhoyar	
		(HPTLC)	8		3. Ms. K. S.	
* A		(III ILC)			Talekar	
					4. Ms. M. R.	
				-	Zoting	
	= 2 2	ži.			5. Ms. S. A.	
			2	at et	Patekar	
					6. Ms. T. G.	
2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		= = e			Shete	
8 - A - X		2 H 20 0			7. Mr.A.A.	
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a					8. Mr. B.B.	
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Schedule of the training programmes for M. PharmI

Department	Certificate Code	Title of the Certificate Programme	No. of days	Dates	Name of Students	Teacher- in-charge
Pharmaceutics	CPH 04	Training in development of micro and nanocarriers	06	10/02/2020- 15/02/2020	<ol> <li>Ms.         <ul> <li>BhavanaRaut</li> </ul> </li> <li>Ms. S. N.         <ul> <li>Pillewan</li> </ul> </li> <li>Ms. S. S. Baig</li> <li>Mr. S. G.</li> </ol>	Dr. S. A. Khan

	The same of the sa			y-mann			<u> </u>		
							Walke		
						5.	Mr. V. K.	Roy	-
,						6.	Mr. A.	1003	
2							Thorat		
						7.		Α.	
,		12					Ubhate		
			•			8.	Ms. N.	В.	
8						0.	Shambha		
							r	ıka	
					12	9.	Ms. P.	M.	
					-	9.	Bhattad	171.	
× =		V				10		.,	
× 11 × 12	# 0.0 0					10.	Ms. S.	٧.	
		VI					Sonekar		
						11.	Ms. V.	S.	
	8			_			Porete		
						12.	Mr. H.	S.	
							Muppawa	ar	
						13.	Mr. Ad		
							Kshirsaga		
Pharmacology	CPL 10	Training	on	06	10/02/2020-	1	Ms. M.		Dr. B. R.
,	CI L 10				1		Deulkar		
			xicity		15/02/2020	2	Ms. P.	D.	Gandhare
		study				۷.		υ.	
			•				Pawde	.,	
. No. 1						3.	Ms. P.	K.	
							Bongade		
						4.	Ms. P.	S.	
							Jumde		
						5.	Ms. U.	C.	
							Dhote		
						6.	Mr. A.	Н.	
•							Gautam	2.57.00	
					2 2	7.	Ms. P.	A.	
						/.	Khodanka	-	
					H	0			
						8.	Ms. S.	S.	
			× ,-				Sheikh	_	
						9.	Ms. S.	S.	
	8						Gupta		
						10.	Ms. U.	Ρ.	
							Kowe		
			•			11.	Mr. N.	M.	
							Tijare		
						12.	Ms. K.	D.	-10
	,				"		Manmode		
						12	Ms. H.		1
						10.	More	11.	
						4.4		Λ	
			-		520	14.	Ms. J.	Α.	
					A.,	yacasa	Waratkar		2
						15.	Ms. A.	٧.	

		4			-	Bork	ar		
Quality	CQA 02	Training in High	06	10/02/2020-	1.	Ms.	M.	K.	Ms. S. P.
Assurance		{Performance		15/02/2020		Marv	val		Gautam
		Thin Layer	o.		2.	Ms.	S.	U.	
		Chromatography				Dhur			
		(HPTLC)			3.	Mr.		D.	
		(III ILC)				Panj		2121	
		1 g			4.	Mr.		K.	
					_	Ukey			
		•			5.	Mr. Thika		L	
					6.	Mr.		R.	
					υ.	Potpi		11.	± =
		( 2 11	a 00 J	8 8 8	7.	Mr.		U.	
	2 9 9 5			H 5		Sheik		٠.	
			-		8.	Ms.		S.	=
		a s				Shirt			
		- &			9.	Ms.		G.	
						Bhad	ke		
				5.	10.	Mr.	N.	S.	
				•		Wagh	nmuc	le	
	5	· ·			11.	Mr.	S.	S.	
		2				Sator	ie		

Dr. R. O. Ganjwale

I/c Principal and Chairman

Researh Committee

PRINCIPAL

Institute of Phermaceutical Education & Soccerch

Bergaon (Meghe), Wardha

2020-2021

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/76

Date: 16/03/2021

# **NOTICE**

Schedule for the training programmes

Department	Certificate Code	Title of the Certificate Programme	No. of days	Dates	Name of Students	Teacher- in-charge
Pharmaceutics	CQA 01	Training in High performance Liquid Chromatography (HPLC)	06	22/03/2021- 27/03/2021	1. Ms. Bhavana Raut 2. Ms. S. N. Pillewan 3. Ms. S. S. Baig 4. Mr. S. G. Walke 5. Mr. V. K. Roy 6. Mr. A. B. Thorat	Mr. G. D. Dahikar
Quality Assurance	CQA 01	Training in High performance Liquid Chromatography (HPLC)	06	22/03/2021- 27/03/2021	8. Ms. M. H. Deulkar 9. Ms. P. D. Pawde 10. Ms. P. K. Bongade 11. Ms. P. S. Jumde 12. Ms. U. C. Dhote 13. Mr. A. H. Gautam	Mr. G. D. Dahikar
Pharmacology	CQA 01	Training in High performance Liquid Chromatography (HPLC)	06	22/03/2021- 27/03/2021	<ol> <li>Ms. M. K. Marwal</li> <li>Ms. S. U. Dhurve</li> <li>Mr. S. D. Panjwani</li> </ol>	Mr. G. D. Dahikar

					4.	Mr. V. K. Ukey	
Pharmacology	CPL 02	Training in	06	22/03/2021-	1.	Mr. S. L	Mr. Jyoti
		clinical		27/03/2021		Thikare	Ranjan
		chemistry		5	2.	Mr. S. R.	Roul
		analyser: A tool				Potpite	2
		for estimation of					
		various				9	9
		biochemical					
		parameters in					
		blood and					
		plasma					



(Dr. R. O. Ganjiwale)

Principal

PRINCIPAD

bestitute of Pharmaceutical Education & Resource

Borgnou (Maghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCA ON AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/74

Date: 01/06/2021

# **NOTICE**

Schedule for the training programmes

Department	Certificate	Title of the	No. of	Dates	Name of Students	Teacher-in-charge
	Code	Certificate	days	8		w w
		Programme		00 /05 /0004 44/05 /0004	1. Ms. A. A. Ubhate	Dr. NileshKarande
Pharmaceutics	CQA 07	Training in	08	03/06/2021-14/06/2021		Dr. Micsimarana
		Combi		~		**
		instruments			3. Ms. P. M. Bhattad	
	20	(UV+ FTIR)	E.		4. Ms. S. V. Sonekar	
			B 12		5. Ms. V. S. Porete	2
	8				6. Mr. H. S. Muppawar	* *
					7. Mr. Aditya Kshirsagar	
Quality	CQA 02	Training in High	06	07/06/2021-14/06/2021	1. Ms. P. A. Khodankar	Ms. SadhanaGautam
Assurance	02.102	{Performance			2. S. S. Sheikh	
Assurance		Thin Layer			3. Ms. S. S. Gupta	2
		Chromatography			4. Ms. U. P. Kowe	
		(HPTLC)	0.	36. <sup>3</sup>	5. Mr. N. M. Tijare	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	CDI 10	Training on	06	07/06/2021-14/06/2021	1. Mr. N. U. Sheikh	Dr. BhushanGandhare
Pharmacology	CPL 10		00	0.700/2022 2.707	.2. Ms. P. S. Shirture	Ø (52)
		acute toxicity			3. Ms. S. G. Bhadke	
		study		*	4. Mr. N. S. Waghmude	Я
				o n	5. Mr. S. S. Satone	

On 05/06/21 and 12/06/21 the Institute was closed.

D. D. Comissolo

Dr. R. O. Ganjwale

I/c Principal and Chairman Researh Committee

.. PRINCIPAL

Institute of Pharmaceutical Education & Research Borgaon (Meghe), Wardha

2021-2022

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/74

Date: 01/06/2021

### **NOTICE**

Schedule for the training programmes

Department	Certificate	Title of the	No. of	Dates	Name of Students	Teacher-in-charge
*	Code	Certificate	days			*
-		Programme				D. Nills shifts rounds
Pharmaceutics	CQA 07	Training in	08	03/06/2021-14/06/2021	1. Ms. A. A. Ubhate	Dr. NileshKarande
		Combi			2. Ms. N. B. Shambharkar	
		instruments		5 g	3. Ms. P. M. Bhattad	*
		(UV+ FTIR)	8		4. Ms. S. V. Sonekar	8 y
		(OVITING)		ia a i	5. Ms. V. S. Porete	e
*			* *	*	6. Mr. H. S. Muppawar	n =
				ell and the second	7. Mr. Aditya Kshirsagar	
Quality	CQA 02	Training in High	06	07/06/2021-14/06/2021	1. Ms. P. A. Khodankar	Ms. SadhanaGautam
Assurance	CQA 02	{Performance		9,	2. S. S. Sheikh	
Assurance		Thin Layer		g	3. Ms. S. S. Gupta	
		Chromatography		0 8	4. Ms. U. P. Kowe	
2		(HPTLC)	22	N N	5. Mr. N. M. Tijare	*
	CDI 10	Training on	06	07/06/2021-14/06/2021	1. Mr. N. U. Sheikh	Dr. BhushanGandhare
Pharmacology	CPL 10		100,000	07/00/2021 14/00/2021	.2. Ms. P. S. Shirture	
		acute toxicity		# ***	3. Ms. S. G. Bhadke	
		study		W	4. Mr. N. S. Waghmude	,
				e a	5. Mr. S. S. Satone	2

On 05/06/21 and 12/06/21 the Institute was closed.

Dr. R. O. Ganjwale

D000

I/c Principal and Chairman Researh Committee

.. PRINCIPAL

Institute of Pharmaceutical Education & Resourch Borgaon (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/86

Date: 12/10/2021

# **Time Table for the Training Certificate Course**

Department	Certificate Code	Title of the Certificate Programme	No. of days	Dates	Name of Students	Teacher- in-charge
Pharmaceutics	CQA 01	Training in High performance Liquid Chromatography	06	18/10/2021- 25/10/2021	<ol> <li>Ms.D.S.         Masurkar</li> <li>Ms. M. T.         Badule</li> <li>Ms. P. K.         Nikhade</li> <li>Mr. K. B.         Muneshw         ar</li> <li>Mr. U. A.         Havelikar</li> </ol>	Mr. G.D. Dahikar
Quality Assurance Phasma cology	CQA 07	Training in UV+ FTIR	06	18/10/2021- 25/10/2021	1. Ms.N.D. Chahande 2. Ms. S.K. Vyapari 3. Ms.S.R. Thakur 4. Ms. T. K. Nagdeve 5. Ms. Yogita Sahu 6. Mr. K.D. Sable 7. Mr. Y. A. Danewal	Dr. Nilesh Karande
Pharmacology  Quality  Assurance	CQA 01	Training in High performance Liquid Chromatography	06	18/10/2021- 25/10/2021	<ol> <li>Ms. A. S. Awatade</li> <li>Ms. N. R. Bawane</li> <li>Ms. T. B. Dukare</li> <li>Mr. C.S. Durge</li> </ol>	Mr. G.D. Dahikar

	5. Mr. K.P.
	Dhadwe
2	6. Mr. N.M.
	Meharkur

19/10/21 and 24/10/21: Holiday

Shan

**Training Co-ordinator** 

Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal &Chairman

.. PRINCIPAL

Institute of Pharmaceutical Education & Research Borgaon (MogNe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/92

Date: 20/11/2021

## Time Table for the Training Certificate Course

Department	Certificat	Title of the	No.	Dates	Name of Students	Teacher
	e Code	Certificate	of			-in-
		Programme	day	e Hi san e		charge
**************************************	10 30 50 50 50 50 50 50 50 50 50 50 50 50 50		s			
Pharmaceutics	CPH 04	Training in	06	22/11/2021	1. Ms.P. T. Bisen	Dr. S. A.
S	n a	Development of		-	2. Ms. V. S.	Khan
		micro and		27/11/2021	Wankhede	
	gradi Tya	nanocarriers		10 10 10 10 10 10 10 10 10 10 10 10 10 1	3. Mr. M. N. Chandak	a s a s a a a
				11 5 6	4. Mr. K. B.	
	2 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 N	5	8	Muneshwar	
	17 1887				5. Mr. U. A.	
				×	Havelikar	8 8
	11 W 1				6. Ms.M.K.Gharpur	
					e 7. Ms. S.B. Patil	
	a se		10		8. Ms. S. P. Derkar	
Quality	CQA 01	Training in	06	22/11/2021	1. Ms. C.R. Dhande	Dr. M.
Assurance		High	140 WH		2. Ms.K.D.Tumdam	P.
	A 3. 8	performance		27/11/2021	3. Ms. P.N. Kawale	Puranik
		Liquid	l a	//	4. Ms.P. V. Gedam	. aranık
		Chromatograph	* s	a · g z	5. Ms. P.W. Dahake	
	2 2				6. Ms. S. A. Ganvir	
		У			7. Ms. S. J. Thapa	
			1 6	a	8. Ms. S. N. Nathe	* / / · /
					9. Mr. N. N. Jarode	9.5

**Training Co-ordinator** 

Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal &Chairman

.. PRINCIPAL

Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/94

Date: 11/12/2021

## **Time Table for the Training Certificate Course**

Department	Certifica	Title of the	No.	Dates	Na	me of	Studer	nts	Teacher
	te Code	Certificate	of						-in-
		Programme	days						charge
Pharmaceutics	ĆQA03	Training in	06	13/12/2021-	1.	Ms.	A.	В.	Ms. S. P.
	y le	Fourier		18/12/2021		Mesh	ram		Gautam
		Transform			2.	Ms. P	. G. Re	che	
		Infrared			3.	Mr.	Α.	Ρ.	8
		Spectroscopy				Mazu	mdar		=
Quality	CQA 02	Training in High	06	13/12/2021-	1.	Ms.	D.	S.	Dr.L. G.
Assurance		Performance		18/12/2021		Dhaw	ale		Rathi
		Thin Liquid			2.	Ms.	J.	R.	20000000 20000 Feb.
		Chromatography	*			Wang	e		*
160					3.	Ms.	S.	S.	
						Barew	/ar		
		8	1		4.	Ms.	Adı	nan	
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	1		-		5.	Mr.	A.	A.	
						Wada	skar		
					6.	Mr.	ŀ	(.P.	
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Training Co-ordinator Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal &Chairman

.. PRINCIPAL

and soll

Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha

### INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/95

Date: 01/01/2022

### Time Table for the Training Certificate Course for B. Pharm IV Sem VII

Roll No.	Certifica te Code	Title of the Certificate Programme	No. of days	Time	Dates	Teacher-in- charge
1-35	CPH 01	Training in Pilot Plant Scale UP	10	2.00 P. m - 5.00 p.m	03/012022- 13/01/2022	Ms. S. P. Dewani
36-76	CPL 01	Training in Animal Handling and Care	10	2.00 p.m - 5.00 p.m	03/012022- 13/01/2022	Dr. D. M. Awari

**Training Co-ordinator** 

Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal & Chairman

PRINCIPAL

Institute of Pharmaceutical Education & Research Borgaon (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/96

Date: 08/01/2022

### Time Table for the Training Certificate Course

Certificat e Code	Title of the Certificate	No. of	Dates	Name of Students	Teacher- in-
t i i i i i i i i i i i i i i i i i i i		days			charge
CPH 04		06	10/01/2022-	1. Ms. A. Y.	Dr. S. A.
			15/01/2022	Bhadange	Khan
a				2. Ms. B. R.	
	nanocarriers	e 2	0 4 8 8 0 4 8	Panchbhai	
7	3	a 1		3. Ms. D. R. Bagwe	
		2 5	2 2	4. Ms. M. U.	
		8 J		Gandhale	
79.	A	100		5. Ms. M. M.	
				Sawarbandhe	
				6. Ms. P. A.	
				Chandewar	
	e a		2 11 17 2	7. Ms. P. A. Jaunjal	
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CQA 05		06			Mr. G. D.
			15/01/2022		Dahikar
	Spectroscopy			Nalawade	
	A 0 1 20 2 2			3. Ms. M. S.	
* * * * * * * * * * * * * * * * * * * *		*		Kosarkar	
			2.5	4. Ms. P. S. Zade	
	ā			5. Ms. R. S.	
				Sadafale	
				6. Ms. V. A.	
* a *				Uprikar	
				7. Mr.Shubhanshu	
				Ashtankar	
	and the second s	e Code Programme  CPH 04 Training in Development of micro and nanocarriers	CPH 04  CPH 04  Training in Development of micro and nanocarriers  CQA 05  Training in UV-Visible  Of days  Of days	e Code         Certificate Programme         of days           CPH 04         Training in Development of micro and nanocarriers         06         10/01/2022-15/01/2022           Training in UV-Visible         Training in UV-06         10/01/2022-15/01/2022	CPH 04

Shu

**Training Co-ordinator** 

Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal & Chairman

. PRINCIPAL

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/925/97

Date: 14/01/2022

### Time Table for the Training Certificate Course

Department	Certifica te Code	Title of the Certificate Programme	No. of days	Dates	Name of Students	Teacher -in- charge
Pharmacology	СРНО4	Training in Fourier Transformed Infrared Spectroscopy	06	17/01/2022- 22/01/2022	<ol> <li>Ms. A. B. Dange</li> <li>Ms. B. S. Misal</li> <li>Ms. M. P. Chavhan</li> <li>Ms. P. V. Bakane</li> <li>Ms. R. P. Rane</li> <li>Mr. A. M. Khobragade</li> <li>Mr. M. Y. Gaikwad</li> <li>Mr. S. V. Wake</li> <li>Ms. R. M. Lokhande</li> <li>Ms. S. S.</li> </ol>	Mr. S. P. Gautam
Quality Assurance	CQA 03	Training in Fourier Transformed Infrared Spectroscopy	06	17/01/2022- 22/01/2022	Khobragade  1. Ms. A. G. Ijapure  2. Ms. K. S. Rode  3. Mr. L. A. Ninawe  4. Mr. R. A. Samarth  5. Mr. U. G. Gokhare  6. Mr. Sachin Wankhede	Mr. S. P. Gautam
Pharmacology	CPL 01	Training in Animal Handling and Care	06	17/01/2022- 22/01/2022	<ol> <li>Ms. N. G. Vaidya</li> <li>Ms. T. S. Ali</li> <li>Mr. B. S. Sogane</li> <li>Mr. J. S. Borse</li> </ol>	Dr. B. S. Gandhar e

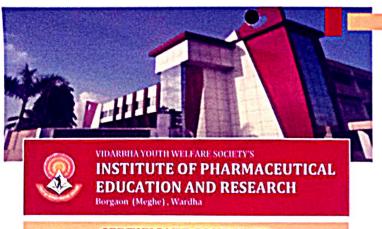
Training Co-ordinator

Dr. S. A. Khan

(Dr. R. O. Ganjiwale)

I/c Principal &Chairman

.. PRINCIPAL



# CERTIFICATE COURSE ON PERSONALITY DEEVELOPMENT

#### **About Institute**

The IPER, Wardha is managed by the Vidarbha Youth Welfare Society, Amravati. The V. Y. W. Society was established in the year 1965, with the objective to uplift the rural students in academic excellence particularly in the field of Science and Technology. The society runs 70 Institutions from pre – primary to post – graduate level covering various faculties like Arts, Commerce, Science, Social Sciences, Engineering, Dental and Pharmaceutical Sciences.

The Institute of Pharmaceutical Education and Research (IPER), a pioneering Pharmacy Institutionin Vidarbha region of Maharashtra, was established in 1982. The Institute provides Education leading to Diploma, Degree, Post Graduate and Ph. D program in Pharmaceutical Sciences. Around 400 students from all corners of India are studying in the Institute. A beautiful and attractive campus of IPER is stretched in an area of 5 acres. Well-equipped laboratories, rich library, qualified and experienced staff and high academic standards have made IPER as one of the Premier Pharmaceutical Institutions in Maharashtra and India.

### The Institutes Approved and Accredited -

- All India Council for Technical Education, New Delhi (AICTE)
- Pharmacy Council of India, New Delhi (PCI)
- National Board of Accreditation, New Delhi (NBA)
- Government of Maharashtra, Mumbai (GoM)
- Permanently affiliated to R. T. M. Nagpur University, Nagpur
- Accredited by National Assessment and Accreditation Council, Bangalore (NAAC) with Grade "A" (Valid up to September 2019)
- Accredited by National Board of Accreditation (NBA)" (Valid up to August 2012 2012).

#### **MISSION-**

To become a center of excellence where innovative techniques and training methodology are stilled for excellence in education, training and Research in order to build quality pharmacrats.

#### MOTTO -

Making every student a total quality person and pride of human

#### **OBJECTIVES** -

- 1. To achieve excellence in all of its programmes in pharmacy education
- 2. To become centre of excellence in teaching and Research
- 3. To maintain & develop significant programmes in R & D in Pharmaceutical & allied sciences
- 4. To set up manufacturing and testing unit
- 5. To get academic autonomy to sharpen the excellence in teaching & training programmes.

#### **COURSE DURATION - 30 Hrs**

#### **COURSE OUTCOME -**

Upon successful completion of certificate course, the student will be able to:

- 1. To develop self-awareness and Professionalism
- 2. To improve the presentation skills
- 3. To develop and understand Professional responsibility
- 4. To learn face to face interview techniques and corporate etiquettes
- 5. To improve leadership qualities
- 6. To improve Professional and inter-personal communication

#### **COURSE CONTENTS -**

- ✓ Self-Awareness and Professionalism
- ✓ Grooming, Body Language & Positive attitude
- ✓ Resume Writing
- ✓ Face to Face interview (one to one Panel )
- ✓ Job application filling
- ✓ Group discussion
- ✓ Interview Techniques
- ✓ Self Motivation
- ✓ Skill Test
- √ 10.Presentation Skills
- ✓ English Speaking
- ✓ Corporate etiquettes

Date	Schedule	Date	Schedule
-	10.30am to 12.30 Self-Awareness		10.30am to 12.30 Positive attitude
01/08/2021	12.30pm to 1.00pm Lunch 13/08/2021		12.30pm to 1.00pm Lunch
	1.00pm to 3.00pm Professionalism		1.00pm to 3.00pm Interview Techniques
	10.30am to 12.30 Grooming, Body Language		10.30am to 12.30 Interview Demo
08/08/2021	12.30pm to 1.00pm Lunch	14/08/2021	12.30pm to 1.00pm Lunch
	1. 1.00pm to 3.00pm Resume Writing		1.00pm to 3.00pm Self Motivation
	10.30am to 12.30 Face to Face interview		10.30am to 12.30 Skill Test
09/08/2021	12.30pm to 1.00pm Lunch	15/08/2021	12.30pm to 1.00pm
	1.00pm to 3.00pm Tips to face interview		1.00pm to 3.00pm Presentation Skills
	10.30am to 12.30 Job application filling		10.30am to 12.30 English Speaking
10/08/2021	12.30pm to 1.00pm Lunch	16/08/2021	12.30pm to 1.00pm Lunch
	1.00pm to 3.00pm Group discussion		1.00pm to 3.00pm Corporate etiquettes

Dr. D. M. Awari
Coordinator

Dr. R. O. Ganjiwale Principal

# INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon, Meghe, Wardha

Ref:ADM/220/272

### NOTICE

All the Final Year B. Pharm and M. Pharm student are hereby inform that as a part of value addition, curriculum enrichment, developing a skilled, job ready workforce and soft skills training .Bearing this in mind institute has started the value added certificate course on "Personality Development" from the month of August 2021 on every Sunday. All the students are inform to attend the lecture as per following schedule.

Topic*	Time	Day & Date	Resource Person/Speaker
Resume Writing and Body Language	12 to 2pm	C - 1	Dr. Ajay Pise
Group Discussion	2.00 pm to 4.00 pm	Sunday 01/08/2021	Mr. S. P.Dewani

Take a note of it.

Dr. R. O. Ganjiwale

Date: 28/07/2021

Principal CIPAS

Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha

# INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon, Meghe, Wardha

# VALUE ADDED CERTIFICATE COURSE ON PERSONALITY DEVELOPMENT SCHEDULE

Date	Schedule	Date	Schedule
01/08/2021	10.30am to 12.30 Self-Awareness 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Professionalism		10.30am to 12.30 Positive attitude 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Interview Techniques
08/08/2021	10.30am to 12.30 Grooming, Body Language 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Resume Writing		10.30am to 12.30 Interview Demo  12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Self Motivation
09/08/2021	10.30am to 12.30 Face to Face interview 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Tips to face interview	15/08/2021	10.30am to 12.30 Skill Test 12.30pm to 1.00pm 1.00pm to 3.00pm Presentation Skills
10/08/2021	10.30am to 12.30 Job application filling 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Group discussion	16/08/2021	10.30am to 12.30 English Speaking 12.30pm to 1.00pm Lunch 1.00pm to 3.00pm Corporate etiquettes

Dr. R. O. Ganjiwale

Principal
Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha

# INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH BORGAON (Meghe), WARDHA

Ref. No. ADM/220/282

Date: 02/08/2021

# NOTICE

All the Final Year B. Pharm and M. Pharm student are hereby inform that as a part of certificate course on personality development tomorrow college has organize session on "Campus to Corporate" by Mr. Prasad Bhagwat, Head-Industry Institute Interaction and Placement, Shree Santkrupa Institute of Engineering and Technology, Ghogaon, Pune. All the students are inform to attend the lecture as per following schedule.

Topic	Time	Day & Date	Resource Person/Speaker
Campus to Corporate	11.00 to 1.00pm	Tuesday 03/08/2021	Mr. Prasad Bhagwat

Take a note of it.

Dr. R. O. Ganjiwale

Principal .. PRINCIPAL

Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha



Training and career advancement for students and corporates



#### **ABOUT US**

Set up in 2008, Global Talent Track (GTT) is a venture funded by Intel Capital and Cisco Systems and is driven by the cause of 'Making India Employable'.

GTT is proud to partner with institutions to deliver solutions in three areas: Corporate Training, Programmes driven by Corporate Social Responsibility led Skills Programmes and Talent Resourcing and Skilling.

GTT has partnered with over 2000 Education Institutions and Government bodies to enable students become employable and bridge the gap in their employability.



GTT delivers highly customized, high impact training programmes focused on delivering business outcome. GTT training is conceptualized, designed and delivered by a core team of senior professionals with 25 years plus experience in senior leadership roles and a large team of 1000 trainers spread across India.

Gtt is proud to accept the BRAND LEADERSHIP AWARD presented by PUNE BEST BRAND AWARDS 2018.

### **OUR LEADERS**



**Dr. Uma Ganesh** Executive Chairperson



**Dr. Ganesh Natarajan** Co-founder and Board Director



Manjiri Gokhale Joshi



**Vaishali Apte** Head, Programme Delivery, L&D



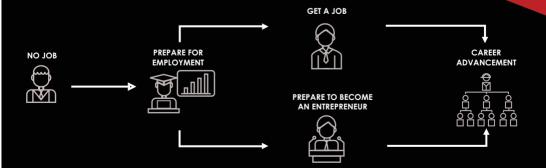
Ayon Ganguly Head, Corporate Sales

OUR
OFFERINGS
CORPORATE SOCIAL RESPONSIBILITY LED SKILLS PROGRAMMES

CORPORATE TRAINING

TALENT RESOURCING & SKILLING (HTD) HIRE - TRAIN - DEPLOY

# HOW DO WE CONTRIBUTE TO THE MISSION?





MISSION: Skill 2 Million by 2022



# CORPORATE SOCIAL RESPONSIBILITY LED SKILLS PROGRAMMES

#### **Employability**

Skilled over 200,000 Beneficiaries

#### Transforming Marginalized Youth to Employable Professionals

Among the programmes implemented by GTI in the area of employability, skills training was a mandate from one of the world's premier financial institutions to train 200.000 students across India in 2017.

This Programme combined blended learning and face to face sessions implemented across 2000 colleges, supplementary online and video content, industry visits and mentoring sessions for students by industry professionals culminating in placement. Participants gained viable job opportunities in sectors like Telecom, Power and Energy, Auto, Hospitality and domestic IT companies.



#### **Social Mobility**

**Enrolled 1.200 Beneficiaries** 

The World's Fourth Largest Private Employer



This holistic approach ensured that all the teaching that was being imparted in the classroom was absorbed, further reflected upon and practiced through experimentation to be witnessed at the workplace.

The development project was rolled out over the course of a year and consisted of interactive training workshops as well as critical career development initiatives like career counseling, assignments, relevant industry visits to expose them to higher paying jobs/entrepreneurial ventures, practical assignments and live projects.



#### **Community Development**

#### Skilled and Employed over 5,000 Beneficiaries

The project involved adopting a community and enhancing their socio-economic status by equipping each member to either get a job or succeed in getting a higher paying job.



#### **Women Empowerment**

#### Gainful employment opportunities for 80 Women



This programme was aimed at developing and training women to be self-reliant, self-sufficient and support themselves and their families in all walks of life. This immensely helped them in achieving their milestones. The programmes enabled women from remote areas and underprivileged backgrounds to lead a fulfilling life, hence, promoting Women Empowerment.

#### HIGHLIGHTS OF THE INTERVENTIONS

- Wide acceptance in the community & Visible transformation
- Engaged learning (<10% dropout rate)
- Focus on confidence, English and digital training
- Create awareness of the possibilities of digital technologies in everyday life
- Build confidence and capabilities to access information
- Establish the possibilities of transformation for the common man
- Align livelihood opportunities with digital methods
- Demonstrate through the transformed village/community the possibilities for sustainable and scalable transformation models



### **CORPORATE TRAINING**



With changing market conditions, industry upheaval and a workforce comprising of diverse generations, it is essential for professionals to continuously learn and evolve in order to stay relevant and be successful. GTT's unique offering acknowledges that change is the only constant in work life and offers a holistic solution for professionals across levels to reinvent themselves and succeed in their careers while effectively contributing to organizational goals.

#### Project 1: A leading white label creative and marketing services

GTT successfully completed a pilot with an IT segment that delivers over 5 million fast-turn projects each year. Nowadays, organizations are looking for skills that go beyond qualifications and experience. Times have changed and old skills have been replaced by new ones. We specialize in designing, developing and imparting training for the skills required for individual's and organization's success

These skills and attitudes enable employees to get along with their colleagues, to make critical decisions, solve problems, develop respect and ultimately become strong ambassadors of the organization.

#### **Project 2: Global leader in FMCG**

GTT provides corporate training across all IT technologies specifically focusing on niche technologies like Big Data, DevOps, Scrum and Agile development, Machine Learning and Artificial Intelligence and more. With our live and online training solutions, we help companies and teams get the skills they need to succeed in the digital economy. GTT delivered a successful phase for corporate training including ITIL / SQL and Power BI as per the expectations set. The 2nd phase included niche trainings like CCSP, CISSP and ELK.





PDPPersonal
Development
Programme

MDPManagerial
Development
Programme

MDPMonagerial
Development
Programme

#### **DEVELOPMENTAL PROGRAMMES**

#### **BEHAVIOURAL TRAINING**

- Analytical Thinking
- Visible Leadership
- Strategic Thinking
- Time Management
- Stress Management
- Design Thinking
- Critical Thinking
- Change Management
- Risk Management
- Customer Delight/ Experience
- Sales Force
- HR and Cultural
- Problem Solving
- · Decision Making
- Emotional Intelligence
- · Art of Negotiation
- Art of Delegation
- Developing Others
- Accountability
- Quality and Process Training

#### **DOMAIN TRAINING**

- Healthcare/LifeSciences
- Insurance
- Bankina
- Finance & Accounting
- Hospitality/Travel & Tourism
- Manufacturing
- IT
- E Commerce
- Telecommunications Services
- Technology
- Real Estate and Developers



#### **DIGITAL TRANSFORMATION**

Digital technology is changing the business landscape in all industries and GTT can be an extended arm in the journey of digital transformation. GTT provides Digital transformation support right from creating digital technology experts to building a managerial/leadership team that is digital technology savvy.

#### **EXECUTIVE LEVEL**

#### MODULE

- 1 Al and Machine Learning
- 2 Cloud Computing
- 3 Robotic Process Automation
- 4 Big Data Analytics
- 5 Business Analytics
- 6 Cyber Security
- 7 UX/UI
- 8 Virtual Reality
- 9 Internet of Things

#### **MODE OF DELIVERY**

F2F, Digital Content & Projects
Recommended 250 hours of training
per topic
(Customizable)



#### **MODE OF DELIVERY**

Digital Content
Recommended 80 hours
of training

#### MANAGER LEVEL

#### MODULE

- 1 Automation
- 2 Cloud Computing
- 3 IOT
- 4 Al Machine Learning
- 5 Data Analytics

### LEADERSHIP LEVEL

#### MODULE

- How AI, Machine learning & IoT are changing the way products are being manufactured and distributed globally
- 2 Application of Big Data, Analytics & Cloud computing in the context of service differentiation
- 3 New Business opportunities emerging from technologies like Blockchain and Cryptocurrencies

#### **MODE OF DELIVERY**

Workshop Format
Recommended 4 to 8 hours
workshop



# TALENT RESOURCING & SKILLING (HTD) HIRE - TRAIN - DEPLOY

The Talent Resourcing and Skilling Model helps companies save time and cost as the candidates are preselected based on the eligibility criteria and trained to the requirements of the company. It is possible to deploy these trained candidates on a specific job, with minimal training/orientation to a customer process that is quickly productive.

The academic system does not provide adequate exposure and the requisite skills for employability of candidates. Hence, a vast majority of the candidates fall short of the expectations of the company with respect to basic business etiquettes, confidence, articulation and presence during the interview that results in an extremely poor selection rate, which could be as low as 5% in most cases. The tremendous time and effort spent in merely interviewing candidates does not yield the desired results, whereas GTT's Talent Resourcing and Skilling Model helps the company in overcoming these issues through a combination of the right selection and appropriate training.

# Trained & Deployed over 6,000

### candidates in F&A domain





### **Success Stories**

#### Project 1: Trained & deployed over 2,000 candidates in F&A domain

Talent Resourcing and Skilling model helps companies save time and cost as the candidates are preselected based on the eligibility criteria and trained to the requirements of the company. It is possible to deploy these trained candidates on the specific jobs and with minimal training/orientation to the customer process is quickly productive. The academic system does not provide adequate exposure and the requisite skills for employability of candidates. Hence a vast majority of the candidates fall short of the expectations of the company with respect to basic business etiquette, confidence, articulation and presence during the interview resulting in extremely low selection rate which could be as low as 5% in most cases. The tremendous time and effort spent in merely interviewing candidates do not yield the desired results whereas Talent Resourcing and Skilling helps the company in overcoming these issues through a combination of the right selection and appropriate training.

Among the programmes implemented by GTT in the area of employability, the Talent Resourcing and Skilling model works as an effective sourcing strategy to ensure the freshers are equipped with the technology skills & domain knowledge. To fulfill the Finance & Accounting requirements, GTT has been associated with one of the multinational professional services and business consulting corporation operating in Noida, Chennai, Bangalore, Trichy and Salem.



**GTT SEGMENT: 40% of Annual Recruitment** 

#### Project 2: A global leader in technology services & consulting

GTT operates closely with BPM subsidiary of a global leader in Information technology consulting company. We are majorly involved in the screening of candidates and ensuring that they have received required training in the relevant skills/domain before being made available for the selection process and thereby ensuring a good hire rate. Hiring locations include Pune, Jaipur, Bangalore and Chennai.

GTT SEGMENT: 25% of monthly Finance and According / Sales and Fulfillment (FNA/SNF) fresher requirements



# GLOBAL TALENT TRACK

401, 4<sup>th</sup> Floor, Zero One IT Park, Mundhwa Road, Mundhwa, Pune – 411036

Contact: 020 - 66472300 contactus@gttconnect.com

www.gttconnect.com

INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Borgaon, Meghe, Wardha

Ref: ADM/220/272 Date: 15/07/2021

**NOTICE** 

All the Final Year **B. Pharm and M. Pharm** student are hereby informed that as a part

of value addition, curriculum enrichment, Institute of Pharmaceutical Education and

Research, Borgaon, Meghe, Wardha has started the value added certificate course on

"Medical Coding" in association with Global Talent Track, Pune (GTT ) from 17th

August2021 every day at11.00am to 3.00 pm. All the students are informed to attend the

lecture as per schedule display on notice board.

Take a note of it.

Dr. R. O. Ganjiwale

Swed

Principal

# INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon, Meghe, Wardha

#### ACADEMIC YEAR-2020-21

#### VALUE ADDED CERTIFICATE COURSE ON MEDICAL CODING

Course Code: IPER-MC-4

Class: Final Year B. Pharm and M. Pharm

**Course Duration**: 30 contracts hours

Starting Date: 17th August 2021

#### Course outcome:

Upon successful completion of certificate course, the student will be able to:

- 1. To learn about Medical coding and its type
- 2. To understand the international classification of disease
- 3. To learn various terminology used in medical coding
- 4. To learn in-patient Coding and Out-patient Coding
- 5. To improve knowledge about Medical Transcription
- 6. To improve the knowledge of Pharma sector and insurance system

#### **Curse Contents:**

- 1. Introduction to Medical Coding, Types of Coding, Diagnostic Code
- 2. ICD 9 & ICD 10
- 3. Procedural Code
- 4. Pharmaceutical Code
- 5. Clinical Modification
- 6. Alpha numerical Values
- 7. Current Procedural Terminology
- 8. Organization of CPT Manual
- 9. National Drug Code
- 10. Hirachial Condition Category
- 11. Home health Coding, ENM Coding
- 12. In-patient Coding, Out-patient Coding
- 13. IPDRG, Surgery Coding
- 14. Medical Billing
- 15. Introduction to Medical Transcription
- 16. Introduction to Pharma Core Sectors
- 17. Introduction to Healthcare Insurance System

**Dr. R. O. Ganjiwale**Principal

# INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon, Meghe, Wardha

### **VALUE ADDED CERTIFICATE COURSE ON MEDICAL CODING**

### **SCHEDULE**

Date	Schedule	Date	Schedule	
	11.00am to 12.00		11.00am to 12.00	
	Introduction to Medical			
	Coding,		Home health Coding,	
		_		
17/08/2021	12.00pm to 1.00pm	21/08/2021	12.00pm to 1.00pm	
, ,	Types of Coding	,,,	ENM Coding	
	1.00pmTo1.30pm		1.00pmTo1.30pm	
	Lunch	-	Lunch	
	1.30pm to 3.30pm		1.30pm to 3.30pm	
	Diagnostic Code		In-patient Coding,	
	11.00am to 12.00		11.00am to 12.00	
	Int. classification of disease- 9		Out-patient Coding	
	12.00pm to 1.00pm		12.00pm to 1.00pm	
18/08/2021	Int. classification of disease -10	23/08/2021	IPDRG	
	1.00pmTo1.30pm		1.00pmTo1.30pm	
	Lunch		Lunch	
	1.30pm to 3.30pm		1.30pm to 3.30pm	
	Procedural Code		Surgery Coding	
	11.00am to 12.00		11.00am to 12.00	
	Clinical Modification		In-patient Coding,	
		-	Out-patient Coding	
	12.00pm to 1.00pm		12.00pm to 1.00pm	
19/08/2021	Alpha numerical Values	24/08/2021	IPDRG, Surgery Coding	
,,	1.00pmTo1.30pm	21,00,2021	1.00pmTo1.30pm	
	Lunch	-	Lunch	
	1.30pm to 3.30pm		1.30pm to 3.30pm	
	Current Procedural		Medical Billing	
	Terminology		11.00 . 10.00	
20/08/2021	11.00am to 12.00		11.00am to 12.00	
	Organization of CPT Manual		Introduction to Medical	
	12.00 . 1.00		Transcription	
	12.00pm to 1.00pm		12.00pm to 1.00pm	
	National Drug Code	25/08/2021	Introduction to Healthcare	
	1.00pmTo1.30pm		1.00pmTo1.30pm	
	Lunch		Lunch	
	1.30pm to 3.30pm		1.30pm to 3.30pm	
	Hirachial Condition Category		Insurance System	

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**Dr. R. O. Ganjiwale**Principal



#### Vidarbha Youth Welfare Society's

# Institute of pharmaceutical education and research, Borgaon Meghe, Wardha





# CERTIFICATE COURSE ON ANIMAL HANDLING AND EXPERIMENTATION (Course Code: IPER-BMPH-2)

#### ABOUT INSTITUTE

The IPER, Wardha is managed by the Vidarbha Youth Welfare Society, Amravati. The V. Y. W. Society was established in the year 1965, with the objective to uplift the rural students in academic excellence particularly in the field of Science and Technology. The society runs 70 Institutions from pre – primary to post – graduate level covering various faculties like Arts, Commerce, Science, Social Sciences, Engineering, Dental and Pharmaceutical Sciences.

The Institute of Pharmaceutical Education and Research (IPER), a pioneering Pharmacy Institution in Vidarbha region of Maharashtra, was established in 1982. The Institute provides Education leading to Diploma, Degree, Post Graduate and Ph. D program in Pharmaceutical Sciences. Around 400 students from all corners of India are studying in the Institute. A beautiful and attractive campus of IPER is stretched in an area of 5 acres. Well-equipped laboratories, rich library, qualified and experienced staff and high academic standards have made IPER as one of the Premier Pharmaceutical Institutions in Maharashtra and India.

TARGET STUDENT: ALL SECOND YEAR B.PHARM AND M.PHARMSTUDENTS

**DURATION OF COURSE: 30 HRS** 

#### **COURSE OUTCOME:**

*Upon successful completion of certificate course, the student will be able to:* 

- 1. To develop self awareness about animal welfare
- 2. To improve the animal handling skills
- 3. To understand responsibility and animal ethics
- 4. To learn the Guidelines and Regulation on animal experimentation
- 5. To understand the alternatives to animal study
- 6. To learn various techniques for animal experimentation

#### **COURSE CONTENTS:**

- 1. CPCSEA Aims, Rules, Functions, Guidelines for Laboratory Animal Facility
- **2.** Institutional Animal Ethics Committee (IAEC)
- **3.** Animal House Facility
- 4. Preparation of Research Protocol (Form B) and Various forms of CPCSEA
- **5.** Guidelines on the regulation of scientific experiments on animals
- **6.** 3Rs Principle
- **7.** Points for consideration in research being conducted on laboratory animals
- **8.** Alternative models to animal experimentation
- **9.** Interactive Session
- *10.* Evaluation of the participants through question paper

Sr. No	Unit
	Unit-I: Animal House facility
	CPCSEA – Aims, Rules, Functions, Guidelines for Laboratory Animal Facility.
1	Institutional Animal Ethics Committee (IAEC)
	Animal House Facility
	Unit-II: Introduction to Animals used in Preclinical Studies and Care
2	Preparation of Research Protocol (Form B) and Various forms of CPCSEA Guidelines on the regulation of scientific experiments on animals
	Unit-III: Regulatory Guideline
3	Guidelines on the regulation of scientific experiments on animals 3Rs Principle
	Points for consideration in research being conducted on laboratory animals Alternative models to animal experimentation
	Unit-IV: Discussion and Evaluation
4	Interactive Session
	Evaluation of the participants through question paper

### **SCHEDULE**

Date	Time	Topic
	10.30 TO 1.30	1. CPCSEA – Aims, Rules, Functions, Guidelines
27/01/2022		for Laboratory Animal Facility
27/01/2022	2.00 TO 5.00	2. Institutional Animal Ethics Committee
		(IAEC)
	10.30 TO 1.30	3. Animal House Facility
28/01/2022		
20/01/2022	2.00 TO 5.00	4. Preparation of Research Protocol (Form B)
		and Various forms of CPCSEA
	2.00 TO 5.00	5. Guidelines on the regulation of scientific
29/01/2022		experiments on animals
	2.00 TO 5.00	6. 3Rs Principle
	10.30 TO 1.30	7. Points for consideration in research being
		conducted on laboratory animals
30/01/2022		
	2.00 TO 5.00	8. Alternative models to animal
		experimentation
	2.00 TO 5.00	9. Interactive Session
31/01/2022		
31/01/2022	2.00 TO 5.00	10 Evaluation of the participants through question
		paper

#### **ASSESSMENT AND EVALUATION:**

Assessment (20 Marks)

Theory (20 Marks)	
Quiz/MCQ based Test	20 Marks

Note: Course Contents are approved and Validated by Dr. Rajendra Ganjiwale, Principal, Institute of Pharmaceutical Education and Research, Borgaon, Meghe, Wardha.

Dr. D. M. Awari

Dr. R. O. Ganjiwale

Coordinator

Principal

# INSTUTUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH Borgaon, Meghe, Wardha

Ref: Date: ADM/220/130

24/01/2022

### **NOTICE**

All the students of Second Year B. Pharm and M. Pharm are hereby inform that as a part of value addition, curriculum Enrichment College has started the (Online) value added certificate course on "Animal handling and Experimentation "from 27/01/2022 to 31/01/2022. All the students are inform to attend the lecture as per following schedule.

Date	Time	Topic
27/01/2022	10.30 TO 1.30	1. CPCSEA – Aims, Rules, Functions, Guidelines for Laboratory Animal Facility
	2.00 TO 5.00	2. Institutional Animal Ethics Committee (IAEC)
28/01/2022	10.30 TO 1.30	3. Animal House Facility
	2.00 TO 5.00	4. Preparation of Research Protocol (Form B) and Various forms of CPCSEA
20 /01 /2022	2.00 TO 5.00	5. Guidelines on the regulation of scientific experiments on animals
29/01/2022	2.00 TO 5.00	6. 3Rs Principle
20/04/2002	10.30 TO 1.30	7. Points for consideration in research being conducted on laboratory animals
30/01/2022	2.00 TO 5.00	
,		8. Alternative models to animal experimentation
31/01/2022	2.00 TO 5.00	9. Interactive Session
	2.00 TO 5.00	10 Evaluation of the participants through question paper

Dr. R. O. Ganjiwale

Principal NCIPAL
Institute of Pharmateutical Education & Research
Borgaon (Meghe), Wardha

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