## YOUNG ENGINEER'S EDUCATION SOCIETY'S

## MAHARASHTRA INSTITUTE OF PHARMACY

(B. PHARM.)

Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206<br>Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra<br>\& Affiliated to Gondwana Unidversity, Gadchiroli \& MSBTE, Mumbai<br>Email:- principal4643@gmail.com<br>Mob. No. :- 9158983913,9423383913

Ref: NAAC 2023/ MLD/Cr-1.2.2
Date-02/05/2023

| Criteria 1.2.2 | Number of Add on /Certificate programs offered during the last <br> five years <br> 1.2.2.1. How many Add on /Certificate programs are offered <br> within the last 5 years. |
| :--- | :--- |
| Findings of DVV | Kindly provide 1. Authenticated list of programs. 2. Summary <br> report of each program year-wise along with their outcome. PI <br> note: Programs repeated during assessment years will be <br> counted once |
| Response/ <br> Clarification | As asked, please find authenticated list of value-added programs year <br> wise without repeating same progran in same year (Appendix I) <br> Summary of Syllabus of each value-added program is attached <br> (Appendix II) |



Maharashtra Institute of Pharmacy \$B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

Appendix I

\author{

## MAHARASHTRA INSTITUTE OF PHARMACY

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## NOTICE

All the students of B.pharm I ${ }^{\text {st }}$ Year are hereby informed that their certificate course in Medical Transcription is organised by the college. So, all intrested students may contact to Prof. Dr. S. B. Dudhe and Enroll their names on or before 20-07-2019:

# MAHARASHTRA INSTITUTE OF PHARMACY (B. PHARM.) <br> Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 

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\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai
Email:- principal4643@gmail.com Mob. No. :- 9158983913, 9423383913
Ref. No.:- MISP14643 / Certificate Caurse/713 Date:- 22107119

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## COURSE MANUAL <br> \CERTIFICATE COURSE

## Topic

## Medicat Transcription

YEES group of institutes has one of the best pharmacy college in Chandrapur. Also, the group has D. pharm college, Polytechnique college courses in Chandrapur dist and vicinity.

YEES provides right curriculum and innovative teaching methodologies to all its campuses. At YEES there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary.
YEES extra curriculum prepares dynamic students, personally and professionally, to take up future leadership roles in a global setting.

YEES is committed to high quality education. The YEES charter of higher learning clearly states, "Impart high quality education which meets the divers needs of our students and the evolving professional requirements". To achieve this YEES ensures global standard of teaching, supported by extensive research work and a productive learning environment.

## Vision of College

Bring out best and successful pharmacy professionals to lead the pharmaceutical and health care arena with commitment and competence. It is distinctive features include high Quality Academic Environment and Result Oriented Programs and all Commitment to create centre of Excellence Quality Technique Education.
C. Build a holistic educational institute of repute chasing excellence with commitment and hard work successfully, to create noble character in each talented student to become a winner and the institute in devoted is to the advancement of knowledge and education of students on the areas that contributes to create Educational Environmental Development Skills.


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 INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

PROGRAM TITLE: Certificate Course in Medical Transcription

## OBJECTIVE:

Medical transcription (MT) is the manual processing of voice reports dictated by physicians and other healthcare professionals 1 The MT teamor hospita typically receives the voice files with dictation of medical documents from healthcare providers. The then converted into text.

## 1- ED OF THE COURSE: <br> sleps to Becoming a Medical Transcriptionist

1. Earn your high school diploma or GED. This is the minimum education requirement for medical transcriptionists.
2. Earn your medical transcriptionist certificate or associate degree. ...
3. Gain practical experience. ...
4. Consider additional education and certifications.

## PROGRAM FEES: Nil

PROGRAM DURATION: 30 hrs
PROGRAM PUBLICITY: College Notice / Circular
College will have the following role/s in relation to the Project

1. Provide all content and delivery mechanisms for the said course/s it intends to offer and, any other subsequent offering that it may introduce from time to time 2. Arrange and ensure availability of faculty to conduct face to face interactions as defined for each course, now and in the future.
3 Give Certificate/s to students to successfully complete the course as per the norms.
_ Provide necessary infrastructure and support services for smooth conduct of academic
classes at YEES.

| MODULE DESCRIPTION | 5 hrs |
| :--- | :--- |
| Module 1. Abbreviations | 5 hrs |
| Module 2. Anatomy and Physiology. | 5 hrs |
| Module 3. Body Dynamics. | 5 hrs |
| Module 4. Diagnostic medicine.Medical Instruments and Equipment. | 5 hrs |
| Module 5. Medical Specialities and Specialists.Pharmacology. | 5 hrs |
| Module 6. Words Dynamics. |  |

## Registration -

We are pleased to invite First year B. Pharm students for registration.

## Course Coordinator

Dr. S. B. Dudhe
M.Pharm Ph.D (Department Of Pharmaceut

Email ID : sachindudhe31@gmail.com Mobile No : 8788986464



## YOUNG ENGINEER'S EDUCATION SOCIETY'S

## MAHARASHTRA INSTITUTE OF PHARMACY

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> Ref. No.:- T/SPB/4643/TMT/VAP/749 Mob. No. :- 9158983913,9423383913 Email:- principa14643@gmail.com

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## Academic Year: 2019-20

| Course Name: Medical Transcription | Class: First Year.B.Pharm |
| :--- | :--- |
| Coordinator: Dr. S. B. Dudhe | Course Code: MIP-MT |

List of Students Enrolled

| Sr. No. | Name of Student |
| :--- | :--- |
| 1 | Agrawal S. A. |
| 2 | Alone M. A. |
| 3 | Awchat O. S. |
| 4 | Badole A. A. |
| 5 | Bawane B. S. |
| 6 | Bhajane V. P. |
| 7 | Bhoyar Y. P. |
| 8 | Chavvhan R. D. |
| 9 | ChakKawae D. K. |
| 10 | Chahare N. M. |
| 11 | Chahare P. N. |
| 12 | Dhone B. V. |
| 13 | Naik R. S. |
| 14 | Patil D. A. |
| 15 | Ramteke B. A. |
| 16 | Tajane N. S. |
| 17 | Borkar T. S. |
| 18 | Dak S. A. |
| 19 | Kale P.P. |
| 20 | Lade D. T. |
| 21 | Madankar S. A. |
| 22 | Pipare D. A. |
| 23 | Pradhan Y. A. |

NAME OF THE VALUE ADDED PROGRAM:- Medical Trancription
SESSION:- 19-20 DURATION:- 30 Hrs. CLASS:- First Year B.pharm
PROGRAM COORDINATOR: Dr. S. B. Dudhe

## SYLLABUS/ COURSE CONTENT

| Sr. No. | Course Content | Number of <br> Hours |
| :---: | :--- | :---: |
| 1. | Abbreviations. | 5 hrs |
| 2. | Anatomy and Physiology. | 5 hrs |
| 3. | Body Dynamics. | 5 hrs |
| 4. | Diagnostic <br> Medicine.Medical <br> Instruments and <br> Equipment. | 5 hrs |
| 5. | Medical Specialities and <br> Specialists.Pharmacology. | 5 hrs |
| 6. | Words Dynamics. |  |



## SCHEDULE

| Date | Day | Time | Course Content |
| :---: | :---: | :---: | :---: |
| 3-2-2020 | 1. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Abbreviations, Introduction, Abbrivation list. |
| 4-2-2020 | 2. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Medical Record Documentation, Common Abbrivations and its meaning. |
| 5-2-2020 | 3. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Anatomy and Physiology an Introduction, Definitions. |
| 6-2-2020 | 4. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Classification of Anatomy and Physiology, |
| 7-2-2020 | 5. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Various systemes of the body and their corelation to one another: Intigration. |
| 8-2-2020 | 6. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Body Dynamics, movements Contraction and relaxations. |
| $\begin{aligned} & 10-2- \\ & 2020 \end{aligned}$ | 7. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Neuromuscular Junction, Sympathetic and Parasympathetic |
| $\begin{aligned} & 11-2- \\ & 2020 \end{aligned}$ | 8. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Diagnostic medicine.Medical Instruments and Equipment. |
| $\begin{aligned} & 12-2- \\ & 2020 \end{aligned}$ | 9. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | To study ECG, EEG, Spigmomanometer. Respirometer. |
| $\begin{aligned} & 13-2- \\ & 2020 \end{aligned}$ | 10. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Medical Specialities and Specialists.Pharmacology. |
| $\begin{aligned} & 14-2- \\ & 2020 \end{aligned}$ | 11. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Pharmacologiest, Pharmacoviglist, ADR Specialist. |
| $\begin{aligned} & 15-2- \\ & 2020 \end{aligned}$ | 12. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Clinical Reserch Analyst, Clinical Trial reports. |
| 17-2- | 13. | 1 to 2 pm | Data Monitoring, Clinical Report, |



Maharashtra Institute of Pharmacy
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| 2020 |  | 5 to 6 pm | Documents. |
| :---: | :---: | :---: | :---: |
| $18-2-$ | 14. | 1 to 2 pm <br> 2020 | Words Dynamics, Market Size, Industry <br> trainds. |
| $19-2-$ | 15. | 1 to 2 pm |  |
| 2020 | 5 to 6 pm | Forcasting, Medical Transcription Sevices, <br> Growth and CAGR. |  |
| $20-2-$ | 16. | 1 to 2 pm |  |
| 2020 | 5 to 6 pm | Market oppurunities, Technology and <br> Expansion and Growth. |  |



## ATTENDANCE




## MAHARASHTRA INSTITUTE OF PHARMACY

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## NOTICE

All the students of B.pharm $\mathrm{IV}^{\text {th }}$ Year are hereby informed that their certificate course in Pharmacovigilance is organised by the college. So, all intrested students may contact to Prof. Snehal Bhagat and Enroll their names on or before 25-02-2020.



Maharashtra Institute of Pharmacy
(B. Pharm) Botala-Eramhapuri

Dist. Chandrapur-641206

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$\frac{\text { Email:- principal4643@gmail.com }}{\text { Ref. No. :- NJIPB } 14643 \text { / Cawrse Mankal/59158983913, } 9423383913}$
INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## COURSE MANUAL

CERTIFICATE COURSE
Topic
PHARMACOVIGILANCE
YEES group of institutes has one of the best pharmacy college in Chandrapur. Also, the group has D. pharm college, Polytechnique college courses in Chandrapur dist and vicinity.

C YEES provides right curriculum and innovative teaching methodologies to all its campuses. At YEES there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary.
YEES extra curriculum prepares dynamic students, personally and professionally, to take up future leadership roles in a global setting.

YEES is committed to high quality education. The YEES charter of higher learning clearly states, "Impart high quality education which meets the divers needs of our students and the evolving professional requirements". To achieve this YEES ensures global standard of teaching, supported by extensive research work and a productive learning environment.

## Vision of College

Bring out best and successful pharmacy professionals to lead the pharmaceutical and health care arena with commitment and competence. It is distinctive features include high Quality Academic Environment and Result Oriented Programs and all Commitment to create centre of Excellence Quality Technique Education.

## Mission of College

Build a holistic educational institute of repute chasing excellence with commitment and hard work successfully, to create noble character in each talented student to become a winner and the institute in devoted is to the advancement of knowledge and education of students on the areas that contributes to create Educational Environmental Development Skills.


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$\frac{\text { Email:- principal4643@gmail.com Mob. No.:-91589883913, 9423383913 }}{\text { Ref. No.:- MIJB/464 3/ Certificonte Caurse/611 Date:-8/2120 }}$

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## PROGRAM TITLE: Certificate Course in Pharmacovigilance

Scope
This course is exclusively designed for Pharma students, Medical practitioners and Life science graduates. This course will be helpful to those who have ICSR experience in Pharmacovigilance domain and for those who wants to learn and excel their career in Aggregate reporting.

## Objectives

This Job Role (Pharmacovigilance Aggregate reporting) comes under Niche Skill, which means there is high demand and less resources available in the industry. This is one of the high paying Job Role in Pharmacovigilance/ Pharma domain. PV is the science of collecting, monitoring, researching, assessing and evaluating information from healthcare providers and patients on the adverse effects of medications, biological products, blood products, herbals, vaccines, medical device, traditional and complementary medicines .

## A)Knowledge

Pharmacovigilance is the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other medicine/vaccine related problem. All medicines and vaccines undergo rigorous testing for safety and efficacy through clinical trials before they are authorized for use.

## B) Skill

- Observational skills as well as attention to detail.
- Analytical and problem-solving skills.
- Excellent communication skills, both written and verbal.
- IT skills.
- Team working skills.
- Mathematical skills.
- Project management and planning skills.
- Ability to work in a fast-paced environment.



# MAHARASHTRA INSTITUTE OF PHARMACY 

## (B. PHARM.)

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## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Pharmacovigilance is the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other medicine/vaccine related problem. All medicines and vaccines undergo rigorous testing for safety and efficacy through clinical trials before they are authorized for use.

Pharmacovigilance is the science and activities relating to the detection, assessment, understanding and prevention of adverse effects or any other medicine/vaccine related problem. All medicines and vaccines undergo rigorous testing for safety and efficacy through clinical trials before they are authorized for use.

## PROGRAM FEES: Nil

PROGRAM DURATION: 30 hrs .
PROGRAM PUBLICITY: College Notice/ Circular

## RESPONSIBILITIES:

College will have the following role/s in relation to the project

1. Provide all content and delivery mechanisms for the said course/s it intents to offer at YEES and any other subsequent offerings that it may introduce from time to time.
2. Arrange and ensure availability of faculty to conduct face to face interactions as defined for each course, Now and in the future.
3. Give certificate/s to students who successfully complete the course as per norms.

## MODULE DESCRIPTION:

| Module 1Introduction to Pharmacology, Clinical Trials, and Pharmacovigilance | 7hrs |
| :--- | :--- |
| Module 2. Adverse Drug Reactions and Safety Reports | 7 hrs |
| Module 3. Methodologies in Pharmacovigilance | 8 hrs |
| Module 4. Seriousness \& Expectedness \& Causality Assessment Criteria | 8 hrs |

## Registration-

We are pleased to invite Final year B. Pharmacy Students for registration.

## Course Coordinator

Ms. Snehal Bhagat
M.Pharm (Department of Quality Assurance)

Email ID: Snehal12@gmail.con
Mobile No: 8554928889



Maharashtrd Fiflivere of Pharmacy
(B. Pharm) Betala-Bramhapuri Dist Chandrepur-441206.

## MAHARASHTRA INSTITUTE OF PHARMACY

## (B. PHARM.)

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Email:- principal4643@gmail.com
Mob. No. :- 9158983913,9423383913
Ref. No. :- MSPB/4643 / PV $/ 632$
Date :-13/02/20

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Academic Year: 2019-20
Course Name: Pharmacovigilance Class: Final Year.B.Pharm (Sem-VII) Coordinator: Ms. Snehal Bhagat Course Code: MIP-PCV

List of Students Enrolled

| Sr. No. | Name of Student |
| :---: | :---: |
| 1 | Amborkar S. P. |
| 2 | Chichghare G. G. |
| 3 | Chimurkar C. N. |
| 4 | Denge V. N. |
| 5 | Dhanorkar S. Y. |
| 6 | Dhawale D. S. |
| 7 | Dhawale Y. V. |
| 8 | Gaddamwar N. S. |
| 9 | Ghuguskar P. D. |
| 10 | Indurkar P. K. |
| 11 | Khobragade R. U. |
| 12 | Matere R. D. |
| 13 | Motaghare D. K. |
| 14 | Nishad P. P. |
| 15 | Rajurkar D. D. |
| 16 | Raut S. S. |
| 17 | Selokar D. Y. |
| 18 | Sonwane P. A. |
| 19 | Vyas D.S. |
| 20 | Barde R. T. |
| 21 | Bhajane L. V. |
| 22 | Bhandekar L. V. |
| 23 | Bhasarkar A. J. |
| 24 | Dhage B. G. |
| 25 | Harode R. I. |
| 26 | Jadhav M. U. |
| 27 | Kotrivar A. N. |
| 28 | Lilhare R. V. |
| 29 | Mohurle S. S. |
| 30 | Neware P. Y. |



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NAME OF THE VALUE ADDED PROGRAM:- Pharmacovigilance
SESSION:- 19-20 DURATION:- 30 Hrs. CLASS:- Final Year Bpharm
PROGRAM COORDINATOR: Ms. Snchal Bhagat

## SYLLABUS/ COURSE CONTENT

| Sr. No. | Course Content | Number of <br> Hours |
| :---: | :--- | :---: |
| 1. | Introduction to Pharmacology, <br> Clinical Trials, and <br> Pharmacovigilance | 7hrs |
| 2. | Adverse Drug Reactions and <br> Safety Reports | 7hrs |
| 3. | Methodologies in <br> Pharmacovigilance | 8hrs |
| 4. |  <br> Causality Assessment Criteria | 8hrs |



## SCHEDULE




Maharashtra Institute of Pharmacy
'B. Pharm) Betala-Bramhapuri
Dist. Chandrapur-441206.



| Sr.No. | $\begin{gathered} \text { Name of Student/ } \\ \text { Day } \end{gathered}$ | 1 | 2 | 3 | 4 |  |  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Amborkar S. P. | $p$ | P | P | P P | P P |  | P | P | P | P | $\rho$ | $p$ | p | P | P | P |  |
| 2 | Chichghare G. G. | P | P | P | $P$ | P | $\rho$ | $\rho$ | p | P | P | $\rho$ | $p$ | P | $p$ | p | $P$ | ed |
| 3 | Chimurkar C. N. | P | P | P | P |  | P | P | P | $p$ | $\rho$ | P | P | p | A | $p$ | P | Q |
| 4 | Denge V. N . | P | $p$ | P | P | P | P P | P | $p$ | p | P | $p$ | P | $p$ | $p$ | $\rho$ | P | 0 |
| 5 | Dhanorkar S. Y | P | P | P | P | P P |  | $\rho$ | $\rho$ | P | P | $\rho$ | P | P | P | P | $P$ | Sele |
| 6 | Dhawale D. S. | P | P | P | P P | P | P | $p$ | P | P | P | $p$ | P | p | p | $p$ | $p$ | S |
| 7 | Dhawale Y. V. | P | p | $p$ | P |  | P | $\rho$ | P | $\rho$ | P | P | P | P | $P$ | P | $P$ | An |
| 8 | Gaddamwar N. S. | P | $p$ | P |  | P P |  | $p$ | $p$ | $p$ | P | $p$ | $P$ | $p$ | $P$ | P | $P$ | cendren |
| 9 | Ghuguskar P. D. | P | $p$ | P | P P | P P |  | P | P | P | P | P | P | P | P | $p$ | $P$ | Rener |
| 10 | Indurkar P. K. | P | P | $p$ | $p$ |  | P | P | $p$ | P | $\rho$ | p | $p$ | P | P | P | $p$ |  |
| 11 | Khobragade R. U. | P | P | $p$ | P |  | P | P | P | P | $P$ | $\rho$ | P | P | $p$ | P | $P$ | (2) er |
| 12 | Matere R. D. | P | P | $p$ | P |  | $\rho$ | P | P | P | P | P | P | $p$ | P | P | P | Re |
| 13 | Motaghare D. K. | P | $p$ | P | $p$ |  | P | P | P | P | P | P | P | $p$ | p | $p$ | $p$ | mab |
| 14 | Nishad P. P. | P | P | P | $\rho$ | P | P | $\rho$ | $\rho$ | $\rho$ | p | $p$ | $\rho$ | $p$ | $p$ | $\rho$ | $p$ |  |
| 15 | Rajurkar D. D. | $p$ | $p$ | $\rho$ | $p$ |  | $\rho$ | $p$ | $p$ | p | P | $p$ | $p$ | $\rho$ | $p$ | $p$ | D | fur |
| 16 | Raut S. S. | $p$ | $p$ | $p$ | P | - A |  | $p$ | $p$ | $\rho$ | $p$ | p | $\rho$ | $p$ | P | $\rho$ | $p$ | Ru |
| 17 | Selokar D. Y. | $\rho$ | p | P | $p$ |  | p | P | P | $\rho$ | $p$ | $\rho$ | $\rho$ | $\rho$ | $p$ | $\rho$ | $p$ | D |
| 18 | Sonwane P. A. | P | P | P | P | - P |  | م | p | $\rho$ | $\rho$ | P | p | p | $p$ | $\rho$ | $p$ | Sonewr |
| 19 | Vyas D. S. | P | p | $p$ | P | P P | P | P | $\rho$ | $p$ | $\rho$ | P | $p$ | $p$ | $p$ | $p$ | $p$ |  |
| 20 | Barde R. T. | $p$ | $p$ | $p$ | P | 0 P | 0 | P | $\rho$ | $\rho$ | م | $\rho$ | $\rho$ | م | $p$ | P | P |  |
| 21 | Bhajane L. V. | $\rho$ | p | P | $\bigcirc$ | $\bigcirc$ |  | p | ค | P | P | $\rho$ | P | $p$ | $p$ | $\rho$ | $\rho$ | $C k^{2}$ |
| 22 | Bhandekar L. V. | P | P | $\rho$ | $\bigcirc$ | P P | p | $p$ | P | P | A | P | P | p | $\rho$ | $\rho$ | $\rho$ | L. Bhew |
| 23 | Bhasarkar A. J. | P | $p$ | P | D $P$ | O | $\rho$ | م | $p$ | $\rho$ | $\rho$ | P | $\rho$ | $p$ | $p$ | $\rho$ | $\rho$ | AsjBrese |
| 24 | Dhage B. G. | P | P | $\rho$ | $p$ | P |  | $p$ | $\rho$ | $p$ | Q | P | $\rho$ | $p$ | p | $p$ | $\rho$ | Buckert |
| 25 | Harode R. I. | $\rho$ | $\rho$ | $\rho$ | P |  | $\rho$ | $\rho$ | $\rho$ | $p$ | $p$ | p | $\rho$ | $p$ | $p$ | $p$ | $\rho$ | Harede |
| 26 | Jadhav M. U. | $\rho$ | $\rho$ | P | P | 0 | $\rho$ | P | P | $\rho$ | $\rho$ | $p$ | $\rho$ | $p$ | $\rho$ | $\rho$ | $p$ | M-7 Jodres |
| 27 | Kotrivar A. N. | P | $p$ | $p$ | P P | 0 | p | $p$ | P | $\beta$ | $p$ | $p$ | $\rho$ | $p$ | p | p | $p$ | Mrube |
| 28 |  | $p$ | $\rho$ | $\rho$ | P | - | $\rho$ | A | $p$ | $p$ | $p$ | p | $\rho$ |  |  | $p$ | P | lan 1 |
| 29 |  | p | $p$ | $\rho$ | P | 0 |  | $p$ | $\rho$ | $\rho$ | $p$ | $p$ | $\rho$ |  |  | $\rho$ | $P$ | puee |
| , |  | P | p | P | 1 P | $p / p$ | $\rho$ | $p$ | P | $p$ | $p$ |  |  |  |  |  | p harm hapu 206. |  |


| Sr．No． | Name of Student／ Day | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Cour conolb |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Amborkar S．P． | $p$ | P | p | P | P | P | P | P | P | P | P | P | P | P | P |  |
| 2 | Chichghare G．G． | $p$ | $P$ | $p$ | $p$ | $p$ | $p$ | P | P | P | $p$ | $p$ | P | P | P | $p$ |  |
| 3 | Chimurkar C． N ． | P | P | p | P | P | P | P | P | P | A | P | P | P | P | P |  |
| 4 | Denge V．N． | P | P | P | P | P | P | P | p | $\rho$ | P | P | $p$ | P | P | P |  |
| 5 | Dhanorkar S．Y． | $p$ | p | $\rho$ | $p$ | P | P | P | P | $p$ | P | $P$ | P | $p$ | P | P | seer |
| 6 | Dhawale D．S． | $p$ | $p$ | $\rho$ | P | P | $\rho$ | $p$ | $\rho$ | $\rho$ | $p$ | $p$ | P | $p$ | P |  |  |
| 7 | Dhawale Y．V． | $\rho$ | p | p | p | P | P | $\rho$ | P | $p$ | $\rho$ | P | P | P | P | P |  |
| 8 | Gaddamwar N．S． | $p$ | P | p | $\rho$ | $\rho$ | $\rho$ | $p$ | P | P | P | $\rho$ | P | $p$ | p | $\rho$ |  |
| 9 | Ghuguskar P．D． | م | $\rho$ | $\rho$ | p | $\rho$ | $p$ | $p$ | P | $\rho$ | P | $p$ | P | $\rho$ | $\rho$ | P |  |
| 10 | urkar P． | P | $p$ | P | P | P | $p$ | $\rho$ | P | $\rho$ | $p$ | $\rho$ | $\rho$ | P | P | p |  |
| 11 | Khaurkar P．K． | p | P | $\rho$ | $\rho$ | P | $\rho$ | P | p | p | $p$ | P | $p$ | $\rho$ | $p$ | $\rho$ |  |
| 11 | Khobragade R．U． | P |  | $\rho$ | P | $p$ | p | P | p | p | $p$ | P | P | P | P | P | U |
| 12 | Matere R．D． | $\rho$ | $p$ |  |  |  |  |  |  | $\rho$ | P | P | P | P | P |  | nue |
| 13 | Motaghare D．K． | P | P | p | P | P | $\rho$ | P | $p$ | P | $\rho$ | P | $p$ | P | p | P | Acosel. |
| 14 | Nishad P．P． | $p$ | $p$ | $p$ | $p$ | P | $p$ | $p$ | P | $\rho$ | $\rho$ | p | P | P | P | p |  |
|  |  | p | p | $\rho$ | P | P | $p$ | $p$ | P | $\rho$ | $Q$ | $p$ | $p$ | p | $\rho$ | P |  |
| 15 | Raut S．S． | P | $p$ | $p$ | $\rho$ | p | P | P | P | P | $\rho$ | $P$ | P | $p$ | $p$ | $p$ | Roult |
| 16 | Raut S．S． | $p$ | P | $\rho$ | p | p | $p$ | $p$ | P | P | P | $\beta$ | $p$ | P | $\rho$ | $\rho$ | Alec |
| 17 | Selokar D．Y． | p |  |  | $\rho$ | 0 | P | P | P | D | P | p | D | $p$ | $\rho$ | P | Sonce |
| 18 | Sonwane P．A． | p | P | 0 | P | P | p | p | P | $p$ |  |  |  |  |  |  |  |
| 19 | Vyas D．S． | $P$ | P | P | P | P | P | $p$ | $p$ | P | $p$ | P | $p$ | $\rho$ | P |  |  |
| 20 | Barde R．T． | P | $p$ | 0 | P | P | p | $p$ | $p$ | $p$ | $p$ | P | $p$ | p | $p$ | $p$ | Hee |
| 21 | Bhajane L．V． | P | P | P | $p$ | $p$ | $p$ | $\rho$ | P | $p$ | $p$ | p | $\rho$ | P | $\rho$ | P |  |
| 22 | Bhandekar L．V． | P | $p$ | $P$ | $\rho$ | P | $p$ | $\rho$ | P | P | P | A | $p$ | $p$ | $p$ | P | L．Brue |
| 23 | Bhasarkar A．J． | P | $p$ | P | $p$ | P | P | $p$ | p | P | $P$ | P | $p$ | P | $p$ | P | Aitbee |
| 24 | Dhage B．G． | P | $p$ | $P$ | $P$ | $p$ | P | P | $p$ | $p$ | $P$ | P | $p$ | $p$ | P | $p$ | Burset |
| 25 | Harode R．I． | P | $p$ | $P$ | P | $p$ | P | $p$ | $p$ | P | P | $p$ | $P$ | $p$ | P | P | cued |
| 26 | Jadhav M．U． | $P$ | $P$ | $p$ | P | $p$ | $p$ | $p$ | P | $p$ | $P$ | P | $P$ | $p$ | $p$ | P | Mjuder |
| 27 | Kotrivar A．N． | P | P | P | P | P | $p$ | P | P | $p$ | $P$ | $P$ | $P$ | $p$ | $p$ | $P$ | Mreve |
| 28 | Lilhare R．V． | $P$ | P | P | P | P | $p$ | $p$ | $p$ | $p$ | P | $p$ | $p$ | $p$ | $p$ | $p$ |  |
| 29 | Mohurle S．S． |  |  |  | P | $p$ | P | $p$ | $p$ | P | P |  |  | $p$ | $p$ | $P$ | q⿴囗⿰丨丨⿱一土口 |
| 30 | Neware P．Y． |  | P40 |  |  | $p$ | $p$ | $p$ | P | P | P |  |  |  |  | P | $B$ |
| Prog | $m$ Coordinator |  |  |  |  |  |  |  |  |  | B．$P$ <br> Dis | $\begin{aligned} & \text { Pr }{ }^{p} \\ & \text { arm) } \\ & \text { arma } \end{aligned}$ |  |  |  |  |  |

## YOUNG ENGINEER'S EDUCATION SOCIETY'S

# MAHARASHTRA INSTITUTE OF PHARMACY 

 (B. PHARM.)Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206
Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra
\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai

INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## NOTICE

All the students of B.pharm III ${ }^{\text {rd }}$ Year are hereby informed that their certificate course in Validation Technique is organised by the college. So, all intrested students may contact to Prof. Dr. D. M. Sakarkar and Enroll their names on or before 25-08-2019.


# MAHARASHTRA INSTITUTE OF PHARMACI 

\author{

## (B. PHARM.)

 <br> Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 <br> Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra <br> \& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai <br> Email:- principal4643@gmail.com Mob. No.:-9158983913, 9423383913 <br> Ref. No.:- MIJPB / 464z/Vallalation Technque/411 Date:- $1110 \mathrm{~g} / 19$ <br> INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122}

## COURSE MANUAL <br> ICERTIFICATE COURSE

## Topic

## VALIDATION TECHNIQUE

YEES group of institutes has one of the best pharmacy college in Chandrapur. Also, the group has D. pharm college, Polytechnique college courses in Chandrapur dist and vicinity.

YEES provides right curriculum and innovative teaching methodologies to all its campuses. At YEES there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary.
YEES extra curriculum prepares dynamic students, personally and professionally, to take up future leadership roles in a global setting.

YEES is committed to high quality education. The YEES charter of higher learning clearly states, "Impart high quality education which meets the divers needs of our students and the evolving professional requirements". To achieve this YEES ensures global standard of teaching, supported by extensive research work and a productive learning environment.

## Vision of College

Bring out best and successful pharmacy professionals to lead the pharmaceutical and health care arena with commitment and competence. It is distinctive features include high Quality Academic Environment and Result Oriented Programs and all Commitment to create centre of Excellence Quality Technique Education.

## Mission of College

Build a holistic educational institute of repute chasing excellence with commitment and hard work successfully, to create noble character in each talented student to become a winner and the institute in devoted is to the advancement of knowledge and education of students on the areas that contributes to create Educational Environmental Development Skills.


## MATAOUNG ENGINEER'S EDUCATION SOCIETY'S <br> MAHARASHTRA INSTITUTE OF PHARMACY

Chougan Phat (B. PHARM.)

(Bctala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206
Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra

| \& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai |
| :--- |
| Email:- principal4643@gmail.com Mob. No. :-9158983913, 9423383913 |

Ref. No.:- MSPB / 46413 ) C(VT $/ 431$

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## PROGRAM TITLE: Certificate Course in Validation Technique

OBJECTIVE: Course has been designed for meeting the demand of the grow experts in the fields of analysis, medicinal chemistry, quality control and sta synthesizes molecules and ready market preparation.

## NEED OF THE COURSE:

There is a growing trend for acquiring even a fractionate knowledge about purity and quality of medicinal moieties. In the recent years, the interest in investigational analysis has increased and even the separation, isolation and purification of impurities in terms of solvents and synthesized products is also been taken seriously by researchers and the commercial users. Expert knowledge of the separation and identification technology, with its scale up is now the new horizon in the pharmaceutical industries.
PROGRAM FEES: Nil
PROGRAM DURATION: 30 hrs
PROGRAM PUBLICITY: College Notice / Circular
College will have the following role/s in relation to the Project

1. Provide all content and delivery mechanisms for the said course/s it intends to offer and, any other subsequent offering that it may introduce from time to time
2. Arrange and ensure availability of faculty to conduct face to face interactions as defined for each course, now and in the future.
3. Give Certificate/s to students to successfully complete the course as per the norms.
4. Provide necessary infrastructure and support services for smooth conduct of academic
classes at YEES.

## MODULE DESCRIPTION

| Module 1. Validation: Technique | 5 hrs |
| :--- | :---: |
| Module 2. Current Scenario: Validation of Analytical Procedures | 5 hrs |
| Module 3. Importance of Analytical Method Validation | 5 hrs |
| Module 4. ICH guidelines for Analytical Method Validation | 5 hrs |
| Module 5. Methodology | 5 hrs |
| Module 6. Practical approach to for Analytical Method Validation | 5 hrs |

## Registration -

We are pleased to invite Third year B. Pharm students for registration.

## Course Coordinator

Dr. D. M. Sakarkar
M.Pharm Ph.D (Department Of Pharmaceutics)

Email ID : dsakarkar@rediffmail.com
Mobile No : 9421774363


Maharashtra InstiputforpRharmacy
(B. Pharm) Betala-Bramhapuri

Dist. Chandrapur-441206.

## MAHAR ${ }^{\text {Young engineer's education society's }}$ ASHTRA INSTITUTE OF PHARMACY

 (B. PHARM.)(Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra \& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumba

INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Academic Year : 2019-20
Course Name: Validation Technique
Coordinator: Dr. D. M. Sakarkhar

Class: T.Y.B.Pharm
Course Code: MIP-VT

List of Students Enrolled

| Sr. No. | Name of Student |
| :--- | :--- |
| 1 | Akulwar M. V. |
| 2 | Atkar M. P. |
| 3 | Bahekar S. D. |
| 4 | Barapatre C. P. |
| 5 | Bavanthade B. M. |
| 6 | Bhopaye A. G. |
| 7 | Chavhan A. J. |
| 8 | Chaware D. S. |
| 9 | Chindhalore K. Y. |
| 10 | Churhe P. V. |
| 11 | Daf P. R. |
| 12 | Dandekar S. G. |
| 13 | Deotale S. S. |
| 14 | Dhakde Y. R. |
|  |  |



Prmeipat pharmacy

## SYLLABUS/ COURSE CONTENT

| Sr. No. | Course Content | Number of <br> Hours |
| :---: | :--- | :---: |
| 1. | Validation: Technique | 5 hrs |
| 2. | Current Scenario: Validation of <br> Analytical Procedures | 5 hrs |
| 3. | Importance of Analytical <br> Method Validation | 5 hrs |
| 4. | ICH guidelines for Analytical <br> Method Validation | 5 hrs |
| 5. | Methodology | 5 hrs |
| 6. | Practical approach to for <br> Analytical Method Validation | 5 hrs |



Program Coordinator


Maharashtra Institute of Pharmacy 'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-44120\&.

SCHEDULE

| Date | Day | Time | Course Content |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} 02-01- \\ 2019 \end{gathered}$ | 1. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Introduction to validation technique. Overview, Experiments, Validation Methodes, Opportunities of Validation in Assesing things, Conclusion. |
| $\begin{gathered} 03-01- \\ 2019 \end{gathered}$ | 2. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Overview, Experiments, Validation Methodes. |
| $\begin{gathered} 04-01- \\ 2019 \end{gathered}$ | 3. | 1 to 2 pm <br> 5 to 6 pm | Opportunities of Validation in Assesing things, Conclusion. <br> Design and Manufacturing of Product. |
| $\begin{gathered} 05-01- \\ 2019 \end{gathered}$ | 4. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Opteneing determine standard. Regulatort Authoritiues like EMA, and FDA. |
| $\begin{gathered} 07-01- \\ 2019 \end{gathered}$ | 5. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Process validation, Process Design, Process Qualification. |
| $\begin{gathered} 08-01- \\ 2019 \end{gathered}$ | 6. | 1 to 2 pm <br> 5 to 6 pm | Importance of validation Methodes. <br> Oppretional Efficiency, |
| $\begin{gathered} 09-01- \\ 2019 \end{gathered}$ | 7. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Accuracy and Specificity of analytical Procedurce, Precise, Detection and |
| $\begin{gathered} 10-01- \\ 2019 \end{gathered}$ | 8. | 1 to 2 pm <br> 5 to 6 pm | Quantitation limit for estimation of drug component. <br> ICH Guidelines for Analytical method validation. |
| $\begin{gathered} 11-01- \\ 2019 \end{gathered}$ | 9. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Validation of Bioanalytical assay for chemical and biological drugs. |
| $\begin{gathered} 12-01- \\ 2019 \end{gathered}$ | 10. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Metabolites in biological matrieces. Regulatory decisions on sefty and efficacy |
| 14-01- | 11. | 1 to 2 pm | Methodology-Analytical method, |



| 2019 |  | 5 to 6 pm | Standardization, Quality control. |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} 15-01- \\ 2019 \end{gathered}$ | 12. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Regulatory Compliences, Regulatory Agencies. |
| $\begin{gathered} 16-01- \\ 2019 \end{gathered}$ | 13. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Practical Approch to for analytical method validation |
| $\begin{gathered} 17-01- \\ 2019 \end{gathered}$ | 14. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Consistant yield, adequate accuracy presession |
| $\begin{gathered} 18-01- \\ 2019 \end{gathered}$ | 15. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Documrnted evidance, |
| $\begin{gathered} 19-01- \\ 2019 \end{gathered}$ | 16. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Conclusion on Quality reliability and consitancy of result |



## ATTENDANCE




Maharashtra :nstitute of Pharmacy ;B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

| Sr.No. | $\begin{gathered} \text { Name of Student/ } \\ \text { Day } \end{gathered}$ | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Akulwar M. V. | $p$ | P | p | $p$ | $p$ | P | P | A | $P$ | $\rho$ | $P$ | P | P | $p$ | P |
| 2 | Atkar M. P. | $\rho$ | $\uparrow$ | P | P | P | $p$ | $p$ | $P$ | $p$ | $p$ | P | $p$ | $p$ | P |  |
| 3 | Bahekar S. D. | $p$ | P | P | $\rho$ | $p$ | $p$ | P | P | $p$ | $p$ | A | $p$ | - $p$ | $p$ | $\rho$ |
| 4 | Barapatre C. P. | $p$ | P | p | $\rho$ | P | $P$ | $p$ | $p$ | $\rho$ | P | $p$ | $p$ | $p$ | $p$ | $p$ |
| 5 | Bavanthade B. M. | $p$ | $\rho$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $\rho$ | P | $p$ | $p$ | $p$ | $p$ |
| 6 | Bhopaye A. G. | $p$ | P | $p$ | $p$ | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ | $p$ | $p$ | A | $p$ | $\rho$ |
| 7 | Chavhan A. J. | P | P | $p$ | $p$ | P | P | p | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $P$ | $p$ |
| 8 | Chaware D. S. | P | A | $\rho$ | $\rho$ | $P$ | P | $p$ | $p$ | $\rho$ | $P$ | $p$ | $p$ | $p$ | $p$ | $P$ |
| 9 | Chindhalore K. Y. | $\rho$ | $p$ | A | $P$ | $p$ | $\rho$ | $p$ | $\Gamma$ | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ | $p$ |
| 10 | Churhe P. V. | P | $P$ | P | $P$ | $p$ | $\rho$ | $p$ | $p$ | P | $p$ | $\rho$ | A | $p$ | P | P |
| 11 | Daf P.R. | $p$ | $\beta$ | $p$ | $p$ | $p$ | $p$ | $p$ | $\uparrow$ | $p$ | $\rho$ | $p$ | $P$ | $f$ | $P$ | $P$ |
| 12 | Dandekar S. G. | $p$ | $P$ | $p$ | $p$ | P | P | $p$ | $P$ | $\rho$ | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ |
| 13 | Deotale S. S. | $p$ | $p$ | $p$ | P | $p$ | $\rho$ | $p$ | $p$ | $\rho$ | $p$ | $p$ | $\rho$ | $p$ | P | $P$ |
| 14 | Dhakde Y. R. | A | $\rho$ | $p$ | $p$ | $\uparrow$ | $\rho$ | $p$ | $P$ | $p$ | P | $p$ | $\rho$ | $p$ | $p$ | $\beta$ |

## Program Coordinator



YOUNG ENGINEER 'S EDUCATION SOCIETY'S<br>\section*{MAHARASHTRA INSTITUTE OF PHARMACY} (B. PHARM.)<br>Chougan Phata. Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra<br>\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai<br>\section*{Email:- principal4643@gmail.com<br><br>Mob. No. :- 9158983913,9423383913<br><br>Ref. No.:- MSPB/4643/ NotqCe 164}<br>INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## NOTICE

All the students of B.pharm $I^{\text {st }}$ Year are hereby informed that their certificate course in Ethics in Clinical Reserch is organised by the college. So, all intrested students may contact to Prof. Rahil Khan and Enroll their names on or before 25-11-2019.


# MAHARASHTRA INSTITUTE OF PHARMACY 

## (B. PHARM.)

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Email:- principal4643@gmail.com

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## Certificate Course in - ETHICS IN CLINICAL RESERCH (MIP-ECR)

YEES group of institutes has one of the best pharmacy college in Chandrapur. Also, the has D. pharm college, Polytechnique college courses in Chandrapur dist and vicinity.

C YEES provides right curriculum and innovative teaching methodologies to all its campuses. At YEES there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary.

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## Mission of College

Build a holistic educational institute of repute chasing excellence with commitment and hard work successfully, to create noble character in each talented student to become a winner and the institute in devoted is to the advancement of knowledge and education of students on the areas that contributes to create Educational Environmental Development Skills.

## Course Information

The generation of scientific knowledge and new treatments for diseases benefits humankind greatly. However, clinical research should not be performed by endangering the lives of study participants. Clinical research must be conducted ethically to protects the rights, safety and well-being of the study participants. Many unethical studies have been conducted in the past on vulnerable segment of society, including prisoners, slaves, and other subjects, without their consent.


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Email:- principal4643@gmail.com Mob. No. :-9158983913, 9423383913
Ref. No.:-M3PB/4643/Certificate caurse1668 Date:- 02112119

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

PROGRAM TITLE: Certificate Course in Ethics in Clinical Reserch
ScopeThis course is exclusively designed for Pharma students, Medical practitioners and Life science graduates. This course will be helpful to those who have ICSR experience in Pharmacovigilance domain and for those who wants to learn and excel their career in Aggregate reporting.

## Objectives

Research Ethics is aimed at readers and authors who are interested in ethical issues associated with the design and conduct of research, the regulation of research, the procedures and process of ethical review and issues related to scientific integrity.

## A)Knowledge

Esearch in chemical sciences should benefit humankind and improve quality of life, while protecting the environment and preserving it for future generations. Researchers should conduct their work with the highest integrity and transparency, avoid conflicts of interest, and practice collegiality in the best way.

## B) Skill

Research in chemical sciences should benefit humankind and improve quality of life, while protecting the environment and preserving it for future generations. Researchers should conduct their work with the highest integrity and transparency, avoid conflicts of interest, and practice collegiality in the best way.

# MAHARASHTRA INSTITUTE OF PHARMACY 

(B. PHARM.)

Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra
\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai

Mob. No. :- 9158983913,9423383913

INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Ethics in clinical research is adapted from a Teaching-Learning course and resource package designed and produced by the institute staff for use for students so that their technical skills get increased. Research is a vital ingredient for improved global health and scientifically sound and ethically appropriate research is especially important in resource-poor settings where the need for locally applicable research findings is so grate. Therefore the World Health

## PROGRAM FEES: Nil

PROGRAM DURATION: 30 hrs.
PROGRAM PUBLICITY: College Notice/ Circular

- Provide a research ethics course that will assist you in your work as a research ethics committees (REC) member or as a Principal Investigator or Researcher.
- Identify complexities in the application of the research ethics concepts introduced in
the course and to practice ethical reasoning in their application. -Provide ready access to reperch ethics guidelines, links to articles, case studies, videos, and other online resources.


## Modules-

Course Modules Research Ethics Introduction and Course Overview

## Introduction to Research Ethics- 7 hrs

Module 1: Introduction to Research Ethics
Module 2: Principles and Guidelines
Ethical Considerations in International Health Research - 13 hrs
Module 3: Evaluating Risks and Benefits
Module 4: Issues in Study Design
Module 5: Understanding Vulnerability
Module 6: Obligations to Research Participants
Module 7: Engaging with Communities
Module 8: Privacy and Confidentiality
Module 9: Informed Consent
Module 10: Other Ethical Issues
Special Topics in Research Ethics- 10 hrs
Module 11: Biobanks and genomics research
Module 12: Including people with disabilities
Module 13: Women in Biomedical Research
Module 14: Research in Public Heálith Emergencies


## Registration-

We are pleased to invite Final year B. Pharmacy Students for registration.
Course Coordinator
Mr. Rahil Khan
M.Pharm (Department of Pharmacology)

Email ID: Rahil67@gmail.com Mobile No.: 706789054

'B. Pharm) Betala-Bramhapuri
Dist. Chandrapur-841206.


## YOUNG ENGINEER'S EDUCATION SOCIETY'S <br> MAHARASHTRA INSTITUTE OF PHARMACY

## (B. PHARM.)

Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206
Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra
\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai


INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Academic Year: 2019-20
Course Name: Ethics in Clinical Research Class: FinalYear.B.Pharm
Coordinator: Mr. Rahil Khan
Course Code: MIP-ECR
List of Students Enrolled

| Sr. No. | Name of Student |
| :---: | :---: |
| 1 | Dongare P. A. |
| 2 | Dudhabale P. S. |
| 3 | Kheole P. A. |
| 4 | Bhadke S. G. |
| 5 | Gowardhan R. H. |
| 6 | Katare T. B. |
| 7 | Khan S. R. |
| 8 | Kolhe K. A. |
| 9 | Kothare H. C. |
| 10 | Malekar P. N. |
| 11 | Sahare P. S. |
| 12 | Sathawane A. P. |
| 13 | Shaikh A. A. |
| 14 | Sonkusare M. K. |
| 15 | Wadde R. G. |
| 16 | Bhukya A. B. |
| 17 | Kamdi R. R. |
| 18 | Mandal D. L. |
| 19 | Sarve A. R. |
| 20 | Shiraskar P. G. |
|  |  |



Maharashtra Institute of Pharmacy

'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

NAME OF THE VALUE ADDED PROGRAM:- Ethics in Clinical Reserch SESSION:- 19-20 DURATION:- 30 Hrs. CLASS:- First Year B.pharm PROGRAM COORDINATOR: Mr. Rahil Khan

SYLLABUS/ COURSE CONTENT

| Sr. No. | Course Content | Number of <br> Hours |
| :---: | :--- | :--- |
| 1. | Introduction to Research Ethics | 2 hrs |
| 2. | Principles and Guidelines | 2 hrs |
| 3. | Evaluating Risks and Benefits | 2 hrs |
| 4. | Issues in Study Design <br> Understanding Vulnerability | 2 hrs |
| 5. | Obligations to Research <br> Engaging with Communities | 2 hrs |
| 6. | Privacy and Confidentiality | 2 hrs |
| 7. | Informed Consent <br> Other Ethical Issues | 2 hrs |
| 8. | Evaluating Risks and Benefits <br> Disabilities | 2 hrs |
| 9. | Emergencies and genomics research |  |



Maharashtra Institute of Pharmacy 'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

SCHEDULE

| Date | Day | Time | Course Content |
| :---: | :---: | :---: | :---: |
| 6-1-2020 | 1. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Introduction to Reserch Ethics, Definitions, principles of ethics. |
| 7-1-2020 | 2. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | , Intergrity, Competence, Honesty, Privacy, Justice. |
| 8-1-2020 | 3. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Evaluating Risks and Benefits |
| 9-1-2020 | 4. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Advantages and risck and Probabilities |
| $\begin{aligned} & 10-1- \\ & 2020 \end{aligned}$ | 5. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Privacy and Confidentiality, Reserch Ethics, Confidentiality Documents. |
| $\begin{aligned} & 11-1- \\ & 2020 \end{aligned}$ | 6. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Privacy Qualitative Reserch |
| $\begin{aligned} & 13-1- \\ & 2020 \end{aligned}$ | 7. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Informed Consent, Risk and Benefits, Grnetic Testing and Clinical trials. |
| $\begin{aligned} & 14-1- \\ & 2020 \end{aligned}$ | 8. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Other Ethical Issues |
| $\begin{aligned} & 15-1- \\ & 2020 \end{aligned}$ | 9. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Evaluating Risks and Benefits, Desired outcomes, Probabilities of harm and injury. |
| $\begin{aligned} & 16-1- \\ & 2020 \end{aligned}$ | 10. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Identify and Distingiush risck associated with procedures |
| $\begin{aligned} & 17-1- \\ & 2020 \end{aligned}$ | 11. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Consider the subject population. |
| $\begin{aligned} & 18-1- \\ & 2020 \end{aligned}$ | 12. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Comparative Observational studies, Targeted Clinical investigation |
| $\begin{aligned} & 20-1- \\ & 2020 \end{aligned}$ | 13. | 1 to 2 pm | Biobanks and genomics research, Reserch on health and Disease. |



|  |  | 5 to 6 pm |  |
| :---: | :---: | :---: | :---: |
| $21-1-$ <br> 2020 | 14. | 1 to 2 pm <br> 5 to 6 pm | Including people with disabilities |
| $22-1-$ <br> 2020 | 15. | 1 to 2 pm <br> 5 to 6 pm | Women in Biomedical Research |
| $23-1-$ <br> 2020 | 16. | 1 to 2 pm <br> 5 to 6 pm | Research in Public Health Emergencies |



Maharashtra Institute of Pharmacy 'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

## ATTENDANCE




Maharashtra Institute of Pharmacy 'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

Sr.No.

| Name of Student/ <br> Day | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



## Program Coordinator



Maharashtra institute of Pharmacy
'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-44 206.

## MAHARASHTRA INSTITUTE OF PHARMACY

 (B. PHARM.)Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206 Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra
\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai
$\frac{\text { Email:- principal4643@gmail.com }}{\text { Ref. No.:-MIPB/4643/Notice/469 Mob. No.:-9158983913, 9423383913 }}$ Date :-20/12/19
INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

## NOTICE

All the students of B.pharm $I^{\text {nd }}$ Year are hereby informed that their certificate course in organic Chemistry-I is organised by the college. So, all intrested students may contact to Prof. Shubham Borkar and Enroll their names on or before 20-12-2019.


Maharashtra instivute of Pharmaca (B. Pharm) Betaia-Bramhapuri Dist. Chandrapur-441206

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## (B. PHARM.)

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\& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai
Email:- principal4643@gmail.com
Mob. No. :- 9158983913,9423383913
Ref. No.:- MIPB/4643/Caurse Manual
Date :- 19
INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122
COURSE MANUAL
CERTIFICATE COURSE

## Topic

ORGANIC CHEMISTRY-I
YEES group of institutes has one of the best pharmacy college in Chandrapur. Also, the group has D. pharm college, Polytechnique college courses in Chandrapur dist and vicinity.

YEES provides right curriculum and innovative teaching methodologies to all its campuses. At YEES there is a series of vibrant education and leadership strategies for gaining unbeatable competitive advantage from countrywide experts for a matchless growth beyond the ordinary.
YEES extra curriculum prepares dynamic students, personally and professionally, to take up future leadership roles in a global setting.

YEES is committed to high quality education. The YEES charter of higher learning clearly states, "Impart high quality education which meets the divers needs of our students and the evolving professional requirements". To achieve this YEES ensures global standard of teaching, supported by extensive research work and a productive learning environment.

## Vision of College

Bring out best and successful pharmacy professionals to lead the pharmaceutical and health care arena with commitment and competence. It is distinctive features include high Quality Academic Environment and Result Oriented Programs and all Commitment to create centre of Excellence Quality Technique Education.

## Mission of College

Build a holistic educational institute of repute chasing excellence with commitment and hard work successfully, to create noble character in each talented student to become a winner and the institute in devoted is to the advancement of knowledge and education of students on the areas that contributes to create Educational Environmental Development Skills.


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Dist. Chandrapur-441206.

# MAHARASHTRA INSTITUTE OF PHARMACY 

## (B. PHARM.)

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Email:- principal4643@gmail.com Mob. No. :- 9158983913, 9423383913
Ref. No.:- MJPB/4643) Certiyicate caurse|448 Date :- 1110220

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

PROGRAM TITLE: Certificate Course in Organic Chemistry-I
Scope This course deals with classification and nomenclature of simple organic compounds, isomerism, intermediates formed in reactions, important physical properties, reactions and methods of preparation of these compounds. The syllabus also emphasizes on mechanism and orientation of reactions.
Objectives
Upon completion of the course the student shall be able to
A] Knowledge:

1. Illuminate relevance and significance of Organic Chemistry to Pharmaceutical Sciences.
2. Clarify basic principles concepts of organic chemistry
3. Explain basic functional groups and IUPAC Nomenclature of Organic Compounds.
4. Clarify Isomerism and apply that knowledge in understanding the Structure Property Relationship.
5. Clarify different reagents in Organic Reactions.
6. Explain different Reaction Intermediates and their application in reaction mechanism.
7. Explain the factors affecting strength of acid and base.
8. Comprehend and explain how Addition and Elimination Reactions are performed with respect to Alkenes and Alkynes.
9. Explain meaning of term 'Aromaticity' and different reaction involve in the formation of

Aromatic compounds.
B] Skill:

1. Explain correct use of various equipment's and Safety measures in Pharmaceutical Chemistry Laboratory.
2. Calibration of thermometer in technically correct way and Explain the simple laboratory techniques.
3. Explain significance of qualitative Analysis of organic compounds and synthesis of derivatives.
C Need Of The Cources
Organic chemistry is the study of the structure, properties, composition, reacti preparation of carbon containing compounds, which include not only hydrocarbon compounds with any number of other elements, including hydrogen (most compoun at least one carbon-hydrogen bond), nitrogen, oxygen, halogen, phosphorus, sil sulphur. Organic compounds are all arounds us. They are central to the economic the United States in the rubber, plastics, fuel, pharmaceutical, cosmetics, detergent, dyestuff, and agrichemical industries, to name a few. The very foundations of biochemistry.


Maharashtre Principalof Pharmacy
(B. Pharm) Betaia-Bramhapuri

Dist. Chandrapur-441206.

## YOUNG ENGINEER'S EDUCATION SOCIETY'S

## MAHARASHTRA INSTITUTE OF PHARMACY

## (B. PHARM.)

Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) 441206
Approved By :- PCI New Delhi, DTE, Govt. of Maharashtra \& Affiliated to Gondwana University, Gadchiroli \& MSBTE, Mumbai
Email:- principal4643@gmail.com
Mob. No. :- 9158983913,9423383913
Ref. No.:- M3PB/4643/ VAP 1498

$$
\text { Date :- } 1 / 109 / 20
$$

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Biotechnology and medicine are built on organic compounds and their role in life processes.
Many modern high-tech materials are at least partially composed of organic compounds.
Organic chemists spend much of their time creating new compounds and developing better ways of synthesizing previously known compounds.

> PROGRAM FEES: Nil
> PROGRAM DURATION: 30 hrs.
> PROGRAM PUBLICITY: College Notice/ Circular

## RESPONSIBILITIES:

College will have the following role/s in relation to the project

1. Provide all content and delivery mechanisms for the said course/s it intents to offer at

YEES and any other subsequent offerings that it may introduce from time to time.
2. Arrange and ensure availability of faculty to conduct face to face interactions as defined for each course, Now and in the future.
3. Give certificate/s to students who successfully complete the course as per norms.

## MODULE DESCRIPTION:

| Module 1. Introduction | 4hrs |
| :--- | :--- |
| Module 2. Basic Principles of Organic Chemistry | 5 hrs |
| Module 3. Classification, Nomenclature and Isomerism | 5 hrs |
| Module 4. Alkanes, Alkenes and Conjugated dienes | 4hrs |
| Module 5. Alkyl halide, Carboxylic acids | 4hrs |
| Module 6. Alcohols, Aliphatic amines | 4hrs |
| Module 7. Carbonyl compounds* (Aldehydes and Ketones) | 4hrs |

## Registration-

We are pleased to invite Second Year.B.Pharm Students for registration.

## Course Coordinator

Mr. Shubham Borkar
M.Pharm (Department of Pharmaceutical Chemistry)

Email ID: Shubham12@gmail.com
Mobile No: 9518709076


# MAHARASHTRA INSTITUTE OF PHARMACY 

(B. PHARM.)

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Mob. No. :- 9158983913,9423383913 Date :- 22103120

## INSTITUTE CODE DTE 4643, UNIVERSITY 414 PCI 3122

Academic Year: 2019-20

Course Name: Organic Chemistry-I
Coordinator: Mr. Shubham Borkar

Class: Second Year.B.Pharm
Course Code: MIP-OC-I

## List of Students Enrolled

| Sr. No. | Name of Student | Sr. No. | Name of Student |
| :---: | :--- | :---: | :--- |
| 1 | Chavhan A. J. | 21 | Pimpale S. V. |
| 2 | Chaware D. S. | 22 | Puttawar S. A. |
| 3 | Daf P.R. | 23 | Raut G. M. |
| 4 | Donadkar S. G. | 24 | Shende A. M. |
| 5 | Dhakde Y. R. | 25 | Sonpimpale A. S. |
| 6 | Dhobe S. S. | 26 | Tayade S. R. |
| 7 | Dudhabale S. M. | 27 | Thakare L. D. |
| 8 | Fatting P. G. | 28 | Thakre S. B. |
| 9 | Gajjamvar V. A. | 29 | Upare S. G. |
| 10 | Ghonmode M. V. | 30 | Walake N. T. |
| 11 | Janbandhu P. M. | 31 | Atthakar M. R. |
| 12 | Kamdi K. Y. | 32 | Bhopaye A. G. |
| 13 | Kamdi T. S. | 33 | Chindhalore P. Y. |
| 14 | Kabgate S. A. | 34 | Dikondwar O. A. |
| 15 | Madavi N. R. | 35 | Dunedar S. U. |
| 16 | Mandal S. S. | 36 | Fulzele D. V. |
| 17 | Meshram P. C. | 37 | Juare N. P |
| 18 | Mhaske Y. K. | 38 | Therkar A. D. |
| 19 | Miccha S. R. | 39 | Urkunde S. A. |
| 20 | Nikode A R. | 40 | Zode K. G. |



Maharashtralnstitute of Pharmacy
'B. Pharm) Betala-Bramhapuri Dist. Chandrapur-441206.

## SYLLABUS/ COURSE CONTENT

| Sr. No. | Course Content | Number of <br> Hours |
| ---: | :--- | :--- |
| 1. | Introduction | 4 hrs |
| 2. | Basic Principles of Organic <br> Chemistry | 5 hrs |
| 3. | Classification, Nomenclature <br> and Isomerism | 5 hrs |
| 4. | Alkanes, Alkenes and <br> Conjugated dienes | 4 hrs |
| 5. | Alkyl halide, Carboxylic acids | 4hrs |
| 6. | Alcohols, Aliphatic amines | 4hrs |
| 7. | Carbonyl compounds* <br> (Aldehydes and Ketones) | 4hrs |



SCHEDULE

| Date | Day | Time | Course Content |
| :---: | :---: | :---: | :---: |
| 4-3-2019 | 1. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Introduction Organic Chemistry |
| 5-3-2019 | 2. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Carbon compounds, Impact of organic Compaunds in medicines, agriculture. |
| 6-3-2019 | 3. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Basic principles of Organic Chemistry. Structural organic Chemistry. |
| 7-3-2019 | 4. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Shapes of Molecules, Functional groupes, Organic Nomenchleture |
| 8-3-2019 | 5. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Free radical reactions, Classification in detailes. |
| 9-3-2019 | 6. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Classification , Nomencleture and Isomerism. |
| 11-3-2019 | 7. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Nomencletures of Alkane, Alkenes, Alkynes. |
| 12-3-2019 | 8. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Alkohol, Alkyl Halides, Aldehydes, Keton. |
| 13-3-2019 | 9. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Carboxiyic acid, derivitives ,amines, ethers. |
| 14-3-2019 | 10. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Polyfunctionals group, Structural Isomerism of organic compounds |
| 15-3-2019 | 11. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Alkanes, Alkenes, and Conjugated dienes. |
| 16-3-2019 | 12. | $\begin{aligned} & 1 \text { to } 2 \mathrm{pm} \\ & 5 \text { to } 6 \mathrm{pm} \end{aligned}$ | Preparation and reaction of alkanes, Conjugated dienes |
| 18-3-2019 | 13. | 1 to 2 pm | Addition reaction, free radical additon |




Maharashtra Institute of Pharmacy
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Dist. Chandrapur-d41206.

|  |  | 5 to 6 pm | reaction, |
| :---: | :---: | :---: | :---: |
| 19-3-2019 | 14. | 1 to 2 pm <br> 5 to 6 pm | Markovnikov rule, antimarkovnikov rule. |
| $20-3-2019$ | 15. | 1 to 2 pm <br> 5 to 6 pm | Carbonyl compounds (Aldehydes and <br> ketones) |
| $21-3-2019$ | 16. | 1 to 2 pm <br> 5 to 6 pm | Aliphatic amines, |

 'B. Pharm) Betala of Pharmacy Dist. Chandrapur-441208.

## ATTENDANCE



| 25 | Sonpimpale A. S. | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |



Maharashtra Institute of Pharmacy
'B. Pharm) Betaia-Bramhapuri
Dist. Chandrapur-4/1206.

| Sr.No. | $\begin{gathered} \text { Name of Student/ } \\ \text { Day } \end{gathered}$ | 16 | 17 |  |  |  |  |  |  |  |  | 25 | 26 | 27 | 28 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Chavhan A. J. | $p$ | $p$ | $\rho$ | $\uparrow$ | $p$ | $p$ |  | P $f$ | $p$ | $f$ | $p$ | $p$ | P | $p$ | $\rho$ |  |  |
| 2 | Chaware D. S. | $p$ | P | $\rho$ | $p$ | P | P |  | $p$ P | $p$ | $p$ | $p$ | P | P | $p$ | P |  |  |
| 3 | Daf P.R. | A | $p$ | 1 | $p$ | ' | $p$ |  | P | $p$ | P | $p$ | $p$ | $p$ | P | $p$ | $\rho$ |  |
| 4 | Donadkar S. G. | $p$ | $p$ | $p$ | $p$ | $p$ | A |  | P P | $p$ P | $p$ | $\rho$ | $p$ | $p$ | $p$ | $p$ |  |  |
| 5 | Dhakde Y. R. | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ |  | P | $p$ P | $p$ | $p$ | $p$ | $p$ | $p$ | $p$ | $\rho$ |  |
| 6 | Dhobe S. S. | $\rho$ | $p$ | P | $p$ | $p$ | $p$ |  | $p$ P | $P$ P | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ | $\rho$ | $p$ |
| 7 | Dudhabale S. M. | $p$ | $p$ | $p$ | $\rho$ | $p$ | r |  | P P | P P | P A | A | $p$ | P | $\Gamma$ | $p$ | 1 |  |
| 8 | Fatting P. G. | $p$ | $p$ | $\rho$ | $\rho$ | $p$ | $p$ |  | P P | $p$ P | $P$ | $p$ | $p$ | $P$ | $p$ | $p$ |  |  |
| 9 | Gajiamvar V. A. | $p$ | $P$ | $p$ | $\rho$ | $p$ | $\rho$ |  | $P$ P | $p$ P | $p$ P | $P$ | $p$ | $p$ | $p$ | $P$ | $p$ |  |
| 10 | Ghonmode M. V. | $p$ | $P$ | $p$ | $p$ | $p$ | $\rho$ |  | $p$ P | $p$ P | $p$ P | $p$ | $p$ | $\rho$ | $\rho$ | $P$ | P |  |
| 11 | Janbandhu P. M. | $p$ | $\rho$ | $P$ | P | $p$ | $p$ | $p$ | $p$ P | $P$ | $p$ P | $P$ P | $p$ | $P$ | $p$ | $\rho$ |  |  |
| 12 | Kamdi K. Y. | $p$ | $P$ | $p$ | $p$ | $\rho$ | $\rho$ | P | $p$ P | $P$ | $P$ P | P | A | $P$ | $p$ | $p$ | $p$ |  |
| 13 | Kamdi T. S. | $p$ | $P$ | $p$ | f | $p$ | $p$ | $\rho$ | $p$ P | $p$ P | $p$ | $p$ P | $p$ | $p$ | $p$ | $p$ | $p$ |  |
| 14 | Kabgate S. A. | $\rho$ | $P$ | $P$ | $p$ | $p$ | $p$ | $p$ | $P^{P}$ | $P$ P | $P$ | $P$ P | $p$ | $P$ | $p$ | $p$ |  | SHINO |
| 15 | Madavi N. R. | $p$ | $p$ | $P$ | $p$ | $P$ | $p$ | $p$ | P A | $A P$ | $P$ P | $P$ P | $p$ | $p$ | $P$ | $P$ |  |  |
| 16 | Mandal S. S. | $p$ | $P$ | $\rho$ | $p$ | $P$ | $p$ | $P$ | $P$ P | $p$ P | $P$ | $P$ P | $p$ | $p$ | $p$ | $p$ | P |  |
| 17 | Meshram P. C. | $\rho$ | P | $\rho$ | $p$ | $p$ | $p$ | $p$ | $P$ P | $p$ P | $P$ | P $\quad$ | $\rho$ | $p$ | $p$ | $p$ |  |  |
| 18 | Mhaske Y. K. | $p$ | $p$ | $p$ | $\rho$ | $\beta$ | $p$ | $p$ | $p$ P | P | $P$ | $P$ P | P | $\beta$ | $P$ | $p$ | P |  |
| 19 | Miccha S. R. | $p$ | $p$ | $P$ | $p$ | $p$ | $\rho$ | $\rho$ | $\rho P$ | $P$ P | $P$ | P | $\stackrel{ }{ }$ | $A$ | $p$ | $p$ | $p$ | Me |
| 20 | Nikode A. R. | $p$ | $\rho$ | $P$ | $\rho$ | $A$ | P | $p$ | $\rho$ | $P$ | $p$ | P | $p$ | $p$ | P | $p$ | $p$ | Miluode |
| 21 | Pimpale S. V. | P | $p$ | $P$ | $p$ | $P$ | $\rho$ | $p$ | $p$ | $p$ | $p$ f | $p$ p | $p$ | $p$ | $P$ | $p$ | $p$ |  |
| 22 | Puttawar S. A. | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ | $p$ | $P$ | $P$ | $P$ | f | $p$ | $p$ | 今 | $p$ | P | satw |
| 23 | Raut G. M. | $p$ | $p$ | $\rho$ | $p$ | $\rho$ | $p$ | $p$ | $p$ | $P$ | $\rho$ | P P | $p$ | $p$ | $\rho$ | $p$ | $P$ | Gmput |
| 24 | Shende A. M. | $p$ | $p$ | $p$ | $p$ | $\rho$ | $p$ | $p$ | $p$ | $p$ | $p$ p | $p$ | $p$ | $p$ | $p$ | $P$ | P | AMrer |
| 25 | Sonpimpale A. S. | $p$ | $P$ | $P$ | $p$ | $p$ | $p$ | $\rho$ | $p$ | $p$ | $p$ | $\rho$ |  | $p$ | $\stackrel{P}{ }$ | $p$ | $P_{1}$ | 1 |
| 26 | Tayade S. R. | $\rho$ | $p$ | $p$ | f | $\rho$ | H | F | $p$ | $p$ | $P$ | $p$ | $p$ | $p$ | $\Gamma$ | $p$ |  | 7 |


| 27 | Thakare L. D. | $p$ | $\rho$ | $p$ | f | $\rho$ | $p$ |  | P | $p$ | $p$ | $p$ |  | $p$ | $p$ | $\rho$ | $p$ | $p$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28 | Thakre S. B. | P | $\rho$ | $p$ | P | P $P$ | P | P | P | $p$ | $p$ | $p$ |  | $p$ | $p$ | $p$ | $p$ | $p$ |  |
| 29 | Upare S. G | A | P | $p$ | $P$ |  | $p$ | $p$ | $p$ | $p$ | P | P |  | $p$ | $p$ | $p$ | $\rho$ |  |  |
| 30 | Walake N. T. | $p$ | $p$ | P | $P$ | P | $P$ | A | P | $p$ | $p$ | $p$ |  | $p$ | $p$ | $p$ | $p$ | P |  |
| 31 | Atthakar M. R. | $p$ | $p$ | $p$ | P |  | p | P | P | P | P | $p$ |  | $p$ | $p$ | $p$ | $p$ | $p$ |  |
| 32 | Bhopaye A. G. | P | $p$ | p | $p$ |  | P | $p$ | A | P | p | $\rho$ |  | P | $p$ | P | $p$ | $p$ |  |
| 33 | Chindlalore P. Y | $p$ | P | P | P |  | $p$ P | $\rho$ | P | $p$ | $p$ | $\rho$ |  | $p$ | $p$ | $p$ | $p$ | P |  |
| 34 | Dikondwar O. A | $\dagger$ | P | P | 1 |  | P | P | $p$ | $p$ | $p$ | $p$ |  | P | $f$ | $P$ | $p$ | $p$ |  |
| 35 | Dunedar S.U. | $p$ | $\rho$ | $p$ | $p$ |  | $\beta$ | P | $p$ | P | A | P |  | $p$ | $p$ | $p$ | $P$ |  |  |
| 36 | Furzele D. V. | P | $p$ | ' | P | P | P | P | P | p | $p$ | $p$ |  | $p$ | $p$ | $p$ | $P$ |  |  |
| 37 | Juare N. P | $p$ | P | $p$ | P |  | P | $p$ | P | $p$ | $p$ | $p$ |  | P | A | $\rho$ | $p$ |  |  |
| 38 | Therkar A. D. | $p$ | P | P | P |  | $p$ | $P$ | $P$ | P | $p$ | $p$ |  | P | $p$ | $\rho$ | $\rho$ |  |  |
| 39 | Urkunde S. A | P | $\uparrow$ | P | P |  | $p$ | P | P | $\rho$ | P | P |  | P | $p$ | $\rho$ | A |  |  |
|  | Zode K. G. |  |  |  |  |  |  |  | p | p | $p$ | r |  |  | $p$ | $p$ |  |  |  |

Program Coordinator

Po. Kinhi Ta. Bramhapuri Dist. Chandrapdur (M. S.) 441206
CERTIFICATE
2019-20 HAS PARTICIPATED IN THE VALUE ADDED PROGRAM NAMELY MEDICAL
TRANCRIPTION HELD ONDATE O3-02-2020 TO 20-02-2020.
Thancrip ion held on date 03-02-2020 TO 20-02-2020.
PLACE: BETALA VAPCOORDINATOR
YOUNG ENGINEER'S EDUCATION SOCIETY'S


| YOUNG ENGINEER'S EDUCATION SOCIETY'S <br> MAHARASHTRA INSTITUTE OF PHARMACY <br> (B. PHARM.) <br> Chougan Phata, Armori road (Betala) Po. Kinhi Ta. Bramhapuri Distt. Chandrapdur (M. S.) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| CERTIFICATE |  |  |  |  |
| THIS IS TO CERTIFY THAT MR./MS. S. M. DUDHABALE THE STUDENT OF SECOND YEAR SESSION 2019-20 HAS PARTICIPATED IN THE VALUE ADDED PROGRAM NAMELY OR CHEMISTRY-I HELD ON DATE 04-03-2019 TO 21-03-2019. |  |  |  |  |
| PLACE: BETALA <br> VAPCOORDINATOR <br> Matara PRINOPPAL <br> Maharashitra Institute of Pharmac <br> (B. Pharm) Betala-Bramhapuri Dist. Chandrapar-441206. |  |  |  |  |




CERTIFICATE

CLINICAL RESERCH HELD ON DATE 06-01-2020 TO 23-01-2020.

PLACE: BETALA
RAMy.

YOUNG ENGINEER'S EDUCATION SOCIETY'S
CERTIFICATE
THIS IS TO CERTIFY THAT MR./MS. P. A. DONGARE THE STUDENT OF FIRST YEAR IN THE
SESSION 2019-20 HAS PARTICIPATED IN THE VALUE ADDED PROGRAM NAMELY ETHICS IN
CLINICAL RESERCH HELD ON DATE 06-01-2020 TO 23-01-2020.
PLACE: BETALA



