

# 1.3 **CURRICULUM ENRICHMENT**

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1.3.1

**Institution integrates crosscutting issues** Relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum



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### SUMMARY OF SUPPORTING COURSES INTO THE CURRICULUM



Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

# ASHOKRAO MANE COLLEGE OF PHARMAC Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra, Affiliated to Shivaji University, Kolhapur

Affiliated to Shivaji University, Kolhapur

Estd. 2006 | Founder President: LATE SHRI, ASHOKRAO MANE

Principal: DR. S. V. PATIL | President: SHRI, VIJAYSINH MANE

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112

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# Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability

#### the Curriculum

Sr. No.	Class & Sem	Name of Courses	Professional Ethics	Gender Equality	Environment and Sustainability	Human Value
1	F. Y. B. Pharm (SEM- I)	Communication Skills		1	1	1
2	F. Y. B. Pharm (SEM-II)	Human Anatomy & Physiology - II		~		
3	F. Y. B. Pharm (SEM-II)	Environmental Science			1	1
4	T. Y. B. Pharm (SEM-V)	Industrial Pharmacy-I	<b>✓</b>	1		
5	T. Y. B. Pharm (SEM-V)	Pharmaceutical Jurisprudence	<b>✓</b>		- v	
6	T. Y. B. Pharm (SEM-VI)	Pharmaceutical Quality Assurance	<b>✓</b>		1	
7	Final Y. B. Pharm (SEM-VII)	Industrial Pharmacy- II	✓			
8	Final Y. B. Pharm (SEM-VII)	Pharmacy Practice	<b>✓</b>		1	1
9	Final Y. B. Pharm (SEM-VII)	Practice School	<b>✓</b>		1	1
10	Final Y. B. Pharm (SEM-VIII)	Pharmaceutical Marketing	<b>✓</b>			1
11	Final Y. B. Pharm (SEM-VIII)	Pharmacovigilance	<b>✓</b>			
12	Final Y. B. Pharm (SEM-VIII)	Project Work	✓		~	

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Sr. No.	Class & Sem	Name of Courses	Professional Ethics	Gender Equality	Environment and Sustainability	Huma
13	F. Y. M. Pharm (MPH: SEM-I)	Regulatory Affairs	1		1	100
14	F. Y. M. Pharm (MPH: SEM-II)	Computer Aided Drug Development			1	
15	F. Y. M. Pharm (MPQA: SEM-II)	Hazards And Safety Management	~		1	
16	F. Y. M. Pharm (MPQA: SEM-II)	Audit And Regulatory Complaints	~		1	
17	S. Y. M. Pharm (MPH & MQA)	Journal Club	-		-	
18	S. Y. M. Pharm (MPH & MQA)	Project Work	~		<b>✓</b>	

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### **SUMMARY OF SUPPORTING CO-CURRICULAR ACTIVITIES**



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Sr. No	Supporting Activities	Professional Ethics	Gender Equality	Environment and Sustainability	Human Value
1	World Pharmacist Day Celebrations	~			
2	National Pharmacy Week Celebrations	~			
3	Constitutions Day	1	<b>✓</b>		
4	Women's Day Celebrations		1		
5	Sessions on Gender Equality		1		
6	NSS		<b>√</b>		<b>✓</b>
7	Blood Donation Camp				1
8	Vaccinations				<b>√</b>
9	Yoga Day			/	<b>✓</b>
10	Sports Events			/	
11	Tree Plantations				<b>√</b>
12	E-waste				<b>√</b>
13	Plastic and Tobacco Free Campus			~	<b>✓</b>

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### **DETAILS OF SUPPORTING COURSES**

## **Supporting Courses B. Pharm:** Communication Skills (Theory)

#### BP105T.COMMUNICATION SKILLS (Theory)

30 Hours

**Scope:** This course will prepare the young pharmacy student to interact effectively with doctors, nurses, dentists, physiotherapists and other health workers. At the end of this course the student will get the soft skills set to work cohesively with the team as a team player and will add value to the pharmaceutical business.

#### Objectives:

Upon completion of the course the student shall be able to

- 1. Understand the behavioral needs for a Pharmacist to function effectively in the areas of pharmaceutical operation
- 2. Communicate effectively (Verbal and Non Verbal)
- 3. Effectively manage the team as a team player
- 4. Develop interview skills
- 5. Develop Leadership qualities and essentials

#### Course content:

UNIT - I 07 Hours

- Communication Skills: Introduction, Definition, The Importance of Communication, The Communication Process – Source, Message, Encoding, Channel, Decoding, Receiver, Feedback, Context
- Barriers to communication: Physiological Barriers, Physical Barriers, Cultural Barriers, Language Barriers, Gender Barriers, Interpersonal Barriers, Psychological Barriers, Emotional barriers
- Perspectives in Communication: Introduction, Visual Perception, Language, Other factors affecting our perspective - Past Experiences, Prejudices, Feelings, Environment

UNIT - II 07 Hours

- Elements of Communication: Introduction, Face to Face Communication Tone of Voice, Body Language (Non-verbal communication), Verbal Communication, Physical Communication
- Communication Styles: Introduction, The Communication Styles Matrix with example for each -Direct Communication Style, Spirited Communication Style, Systematic Communication Style, Considerate Communication Style

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# Supporting Courses B. Pharm: Human Anatomy and Physiology-II

#### BP 201T. HUMAN ANATOMY AND PHYSIOLOGY-II (Theory)

45 Hours

**Scope:** This subject is designed to impart fundamental knowledge on the structure and functions of the various systems of the human body. It also helps in understanding both homeostatic mechanisms. The subject provides the basic knowledge required to understand the various disciplines of pharmacy.

**Objectives**: Upon completion of this course the student should be able to:

- Explain the gross morphology, structure and functions of various organs of the human body.
- 2. Describe the various homeostatic mechanisms and their imbalances.
- Identify the various tissues and organs of different systems of human body.
- Perform the hematological tests like blood cell counts, haemoglobin estimation, bleeding/clotting time etc and also record blood pressure, heart rate, pulse and respiratory volume.
- 5. Appreciate coordinated working pattern of different organs of each system
- Appreciate the interlinked mechanisms in the maintenance of normal functioning (homeostasis) of human body.

#### Course Content:

Unit I

10 hours

#### Nervous system

Organization of nervous system, neuron, neuroglia, classification and properties of nerve fibre, electrophysiology, action potential, nerve impulse, receptors, synapse, neurotransmitters.

Central nervous system: Meninges, ventricles of brain and cerebrospinal fluid.structure and functions of brain (cerebrum, brain stem, cerebellum), spinal cord (gross structure, functions of afferent and efferent nerve tracts,reflex activity)

Unit II 06 hours

#### Digestive system

Anatomy of GI Tract with special reference to anatomy and functions of stomach, ( Acid production in the stomach, regulation of acid production through parasympathetic nervous system, pepsin role in protein digestion) small intestine



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# Supporting Courses B. Pharm: Environmental Science

# BP 206 T. ENVIRONMENTAL SCIENCES (Theory) 30 hours Scope:Environmental Sciences is the scientific study of the environmental system and the status of its inherent or induced changes on organisms. It includes not only the study of physical and biological characters of the environment but also the social and cultural factors and the impact of man on environment. **Objectives:** Upon completion of the course the student shall be able to: 1. Create the awareness about environmental problems among learners. Impart basic knowledge about the environment and its allied problems. Develop an attitude of concern for the environment. Motivate learner to participate in environment protection and environment improvement. Acquire skills to help the concerned individuals in identifying and solving environmental problems. Strive to attain harmony with Nature. Course content: Unit-I 10hours The Multidisciplinary nature of environmental studies Natural Resources Renewable and non-renewable resources: Natural resources and associated problems a) Forest resources; b) Water resources; c) Mineral resources; d) Food resources; e) Energy resources; f) Land resources: Role of an individual in conservation of natural resources. Unit-II 10hours Ecosystems Concept of an ecosystem. Structure and function of an ecosystem. Introduction, types, characteristic features, structure and function of the ecosystems: Forest ecosystem; Grassland ecosystem; Desert ecosystem; Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, Unit- III 10hours Environmental Pollution: Air pollution; Water pollution; Soil pollution Asnokrao Mane College of Pharmus, Peth-Vadgaon, Dist. Kelhapur.



# Supporting Courses B. Pharm: Industrial Pharmacy-I

#### BP 502 T. Industrial Pharmacyl (Theory)

45 Hours

**Scope**: Course enables the student to understand and appreciate the influence of pharmaceutical additives and various pharmaceutical dosage forms on the performance of the drug product.

Objectives: Upon completion of the course the student shall be able to

- 1. Know the various pharmaceutical dosage forms and their manufacturing techniques.
- 2. Know various considerations in development of pharmaceutical dosage forms
- Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality

#### Course content:

3 hours/ week

07 Hours

UNIT-I

**Preformulation Studies:** Introduction to preformulation, goals and objectives, study of physicochemical characteristics of drug substances.

- a. Physical properties: Physical form (crystal & amorphous), particle size, shape, flow properties, solubility profile (pKa, pH, partition coefficient), polymorphism
- b. Chemical Properties: Hydrolysis, oxidation, reduction, racemisation, polymerization

BCS classification of drugs & its significant

Application of preformulation considerations in the development of solid, liquid oral and parenteral dosage forms and its impact on stability of dosage forms.

UNIT-II 10 Hours

#### Tablets:

- Introduction, ideal characteristics of tablets, classification of tablets. Excipients, Formulation of tablets, granulation methods, compression and processing problems. Equipments and tablet tooling.
- b. Tablet coating: Types of coating, coating materials, formulation of coating composition, methods of coating, equipment employed and defects in coating.
- c. Quality control tests: In process and finished product tests

**Liquid orals:** Formulation and manufacturing consideration of syrups and elixirs suspensions and emulsions; Filling and packaging; evaluation of liquid orals official in pharmacopoeia

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## **Supporting Courses B. Pharm:** Pharmaceutical Jurisprudence (Theory)

#### BP 505 T. PHARMACEUTICAL JURISPRUDENCE (Theory)

45 Hours

**Scope:** This course is designed to impart basic knowledge on important legislations related to the profession of pharmacy in India.

Objectives: Upon completion of the course, the student shall be able to understand:

- The Pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals.
- 2. Various Indian pharmaceutical Acts and Laws
- The regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals
- 4. The code of ethics during the pharmaceutical practice

#### Course Content:

UNIT-I 10 Hours

#### Drugs and Cosmetics Act, 1940 and its rules 1945:

Objectives, Definitions, Legal definitions of schedules to the Act and Rules

 $Import\ of\ drugs-Classes\ of\ drugs\ and\ cosmetics\ prohibited\ from\ import,\ Import\ under license\ or\ permit.\ Offences\ and\ penalties.$ 

Manufacture of drugs - Prohibition of manufacture and sale of certain drugs,

Conditions for grant of license and conditions of license for manufacture of drugs, Manufacture of drugs for test, examination and analysis, manufacture of new drug, loan license and repacking license.

UNIT-II 10 Hours

#### Drugs and Cosmetics Act, 1940 and its rules 1945.

Detailed study of Schedule G, H, M, N, P,T,U, V, X, Y, Part XII B, Sch F & DMR (OA)

Sale of Drugs - Wholesale, Retail sale and Restricted license. Offences and penalties

Labeling & Packing of drugs- General labeling requirements and specimen labels for drugs and cosmetics, List of permitted colors. Offences and penalties.

Administration of the Act and Rules – Drugs Technical Advisory Board, Central drugs Laboratory, Drugs Consultative Committee, Government drug analysts, Licensing authorities, controlling authorities, Drugs Inspectors

UNIT-III 10 Hours

Pharmacy Act -1948: Objectives, Definitions, Pharmacy Council of India; its
constitution and functions, Education Regulations, State and Joint state pharmacy
councils; constitution and functions, Registration of Pharmacists, Offences and

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## Supporting Courses B. Pharm: Pharmaceutical Quality Assurance

# BP606TPHARMACEUTICAL QUALITY ASSURANCE (Theory)

45 Hours

**Scope:** This course deals with the various aspects of quality control and quality assurance aspects of pharmaceutical industries. It deals with the important aspects like cGMP, QC tests, documentation, quality certifications and regulatory affairs.

Objectives: Upon completion of the course student shall be able to:

- · understand the cGMP aspects in a pharmaceutical industry
- appreciate the importance of documentation
- understand the scope of quality certifications applicable to pharmaceutical industries
- understand the responsibilities of QA & QC departments

#### Course content:

UNIT - I 10 Hours

Quality Assurance and Quality Management concepts: Definition and concept of Quality control, Quality assurance and GMP

Total Quality Management (TQM): Definition, elements, philosophies

**ICH Guidelines**: purpose, participants, process of harmonization, Brief overview of QSEM, with special emphasis on Q-series guidelines, ICH stability testing guidelines

Quality by design (QbD): Definition, overview, elements of QbD program, tools ISO 9000 & ISO14000: Overview, Benefits, Elements, steps for registration NABL accreditation: Principles and procedures

UNIT - II 10 Hours

Organization and personnel: Personnel responsibilities, training, hygiene and personal records. Premises: Design, construction and plant layout, maintenance, sanitation, environmental control, utilities and maintenance of sterile areas, control of contamination.

Equipments and raw materials: Equipment selection, purchase specifications, maintenance, purchase specifications and maintenance of stores for raw materials.

UNIT - III

Ovality Controls Ovality and Long S

Quality Control: Quality control test for containers, rubber closures and secondary packing

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## Supporting Courses B. Pharm: Industrial Pharmacy-II

#### BP 702 T. INDUSTRIAL PHARMACYII (Theory)

45 Hours

**Scope:** This course is designed to impart fundamental knowledge on pharmaceutical product development and translation from laboratory to market

**Objectives:** Upon completion of the course, the student shall be able to:

- 1. Know the process of pilot plant and scale up of pharmaceutical dosage forms
- 2. Understand the process of technology transfer from lab scale to commercial batch
- 3. Know different Laws and Acts that regulate pharmaceutical industry
- 4. Understand the approval process and regulatory requirements for drug products

**Course Content:** 

UNIT-I 10 Hours

Pilot plant scale up techniques: General considerations - including significance of personnel requirements, space requirements, raw materials, Pilot plant scale up considerations for solids, liquid orals, semi solids and relevant documentation, SUPAC guidelines, Introduction to platform technology

UNIT-II 10 Hours

**Technology development and transfer:** WHO guidelines for Technology Transfer(TT): Terminology, Technology transfer protocol, Quality risk management, Transfer from R & D to production (Process, packaging and cleaning), Granularity of TT Process (API, excipients, finished products, packaging materials) Documentation, Premises and equipments, qualification and validation, quality control, analytical method transfer, Approved regulatory bodies and agencies, Commercialization - practical aspects and problems (case studies), TT agencies in India - APCTD, NRDC, TIFAC, BCIL, TBSE / SIDBI; TT related documentation - confidentiality agreement, licensing, MoUs, legal issues

UNIT-III 10 Hours

Regulatory affairs: Introduction, Historical overview of Regulatory Affairs, Regulatory authorities, Role of Regulatory affairs department, Responsibility of Regulatory Affairs Professionals

Regulatory requirements for drug approval: Drug Development Teams, Non-Clinical Drug Development, Pharmacology, Drug Metabolism and Toxicology, General considerations of Investigational New Drug (IND) Application, Investigator's Brochure (IB) and New Drug Application (NDA), Clinical research / BE studies, Clinical Research Protocols, Biostatistics in Pharmaceutical Product Development, Data Presentation for FDA Submissions, Management of Clinical Studies.

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## **Supporting Courses B. Pharm: Pharmacy Practice**

#### BP 703T. PHARMACY PRACTICE (Theory)

45 Hours

Scope: In the changing scenario of pharmacy practice in India, for successful practice of Hospital Pharmacy, the students are required to learn various skills like drug distribution, drug information, and therapeutic drug monitoring for improved patient care. In community pharmacy, students will be learning various skills such as dispensing of drugs, responding to minor ailments by providing suitable safe medication, patient counselling for improved patient care in the community set up.

Objectives: Upon completion of the course, the student shall be able to

- 1. know various drug distribution methods in a hospital
- 2. appreciate the pharmacy stores management and inventory control
- monitor drug therapy of patient through medication chart review and clinical review
- 4. obtain medication history interview and counsel the patients
- 5. identify drug related problems
- 6. detect and assess adverse drug reactions
- interpret selected laboratory results (as monitoring parameters in therapeutics) of specific disease states
- 8. know pharmaceutical care services
- 9. do patient counseling in community pharmacy;
- 10. appreciate the concept of Rational drug therapy.

Unit I: 10 Hours

#### a) Hospital and it's organization

Definition, Classification of hospital- Primary, Secondary and Tertiary hospitals, Classification based on clinical and non- clinical basis, Organization Structure of a Hospital, and Medical staffs involved in the hospital and their functions.

#### b) Hospital pharmacy and its organization

Definition, functions of hospital pharmacy, Organization structure, Location, Layout and staff requirements, and Responsibilities and functions of hospital pharmacists.

#### c) Adverse drug reaction

Classifications - Excessive pharmacological effects, secondary pharmacological effects, idiosyncrasy, allergic drug reactions, genetically determined toxicity, toxicity following sudden withdrawal of drugs, Drug interaction- beneficial interactions, adverse interactions, and pharmacokinetic drug interactions, Methods for detecting

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## Supporting Courses B. Pharm: Pharma Marketing Management

# BP803ET. PHARMA MARKETING MANAGEMENT (Theory) The pharmaceutical industry not only needs highly qualified researchers, chemists and, technical people, but also requires skilled managers who can take the industry forward by managing and taking the complex decisions which are imperative for the growth of the industry. The Knowledge and Know-how of marketing management groom the people for taking a challenging role in Sales and Product management. Course Objective: The course aims to provide an understanding of marketing concepts and techniques and their applications in the pharmaceutical industry. Unit I 10 Hours Marketing: Definition, general concepts and scope of marketing; Distinction between marketing & selling; Marketing environment; Industry and competitive analysis; Analyzing consumer buying behavior; industrial buying behavior. Pharmaceutical market: Quantitative and qualitative aspects; size and composition of the market; demographic descriptions and socio-psychological characteristics of the consumer; market segmentation& targeting.Consumer profile; Motivation and prescribing habits of the physician; patients' choice of physician and retail pharmacist. Analyzing the Market; Role of market research. Unit II 10 Hours Product decision: Classification, product line and product mix decisions, product life cycle,product portfolio analysis; product positioning; New product decisions; Product branding, packaging and labeling decisions, Product management in pharmaceutical industry. Unit III 10 Hours Promotion: Methods, determinants of promotional mix, promotional budget; An overview of

personal selling, advertising, direct mail, journals, sampling, retailing, medical

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exhibition, public relations, online promotional techniques for OTC Products.

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# **Supporting Courses B. Pharm: Pharmacovigilance**

#### BP 805T: PHARMACOVIGILANCE (Theory)

45 hours

Scope: This paper will provide an opportunity for the student to learn about development of pharmacovigilance as a science, basic terminologies used in pharmacovigilance, global scenario of Pharmacovigilance, train students on establishing pharmacovigilance programme in an organization, various methods that can be used to generate safety data and signal detection. This paper also develops the skills of classifying drugs, diseases and adverse drug reactions.

#### Objectives:

At completion of this paper it is expected that students will be able to (know, do, and appreciate):

- Why drug safety monitoring is important?
- History and development of pharmacovigilance
- National and international scenario of pharmacovigilance
- Dictionaries, coding and terminologies used in pharmacovigilance
- Detection of new adverse drug reactions and their assessment 6. International standards for classification of diseases and drugs
- Adverse drug reaction reporting systems and communication in pharmacovigilance
- Methods to generate safety data during pre clinical, clinical and post approval phases of drugs' life cycle
- Drug safety evaluation in paediatrics, geriatrics, pregnancy and lactation
- 10. Pharmacovigilance Program of India (PvPI) requirement for ADR reporting in India 11. ICH guidelines for ICSR, PSUR, expedited reporting, pharmacovigilance planning
- 12. CIOMS requirements for ADR reporting
- 13. Writing case narratives of adverse events and their quality.

#### **Course Content**

Unit I

#### Introduction to Pharmacovigilance

10 Hours

- History and development of Pharmacovigilance
- Importance of safety monitoring of Medicine
- WHO international drug monitoring programme
- Pharmacovigilance Program of India(PvPI)

#### Introduction to adverse drug reactions

- Definitions and classification of ADRs
- Detection and reporting
- Methods in Causality assessment
- Severity and seriousness assessment
- Predictability and preventability assessment
- Management of adverse drug reactions

Basic terminologies used in pharmacovigilance

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## Supporting Courses M. Pharm: Regulatory Affairs

# REGULATORY AFFAIRS (MPH 104T) Scope Course designed to impart advanced knowledge and skills required to learn the concept of generic drug and their development, various regulatory filings in different countries, different phases of clinical trials and submitting regulatory documents : filing process of IND, NDA and ANDA To know the approval process of To know the chemistry, manufacturing controls and their regulatory To learn the documentation requirements for To learn the importance and Upon completion of the course, it is expected that the students will be able to The Concepts of innovator and generic drugs, drug development process The Regulatory guidance's and guidelines for filing and approval process Preparation of Dossiers and their submission to regulatory agencies in different countries Post approval regulatory requirements for actives and drug products Submission of global documents in CTD/ eCTD formats Clinical trials requirements for approvals for conducting clinical trials Pharmacovigilence and process of monitoring in clinical trials. THEORY 60 Hrs Documentation in Pharmaceutical industry: Master 12 formula record, DMF (Drug Master File), distribution records. Hrs Generic drugs product development Introduction , Hatch-Waxman act and amendments, CFR (CODE OF FEDERAL REGULATION) ,drug product performance, in-vitro, ANDA regulatory approval process, NDA approval process, BE and drug product assessment, in -vivo, scale up process approval changes, post marketing surveillance, outsourcing BA and BE to Regulatory requirement for product approval: API, h. biologics, novel, therapies obtaining NDA, ANDA for generic drugs ways and means of US registration for foreign drugs Ashokrao Mane College of Pharmary Peth-Vadgaon, Dist. Kolhapur



# Supporting Courses: M. Pharm: Computer Aided Drug Development

# COMPUTER AIDED DRUG DEVELOPMENT (MPH 203T)

#### Scope

This course is designed to impart knowledge and skills necessary for computer Applications in pharmaceutical research and development who want to understand the application of computers across the entire drug research and development process. Basic theoretical discussions of the principles of more integrated and coherent use of computerized information (informatics) in the drug development process are provided to help the students to clarify the concepts.

#### Objectives

Upon completion of this course it is expected that students will be able to understand,

- · History of Computers in Pharmaceutical Research and Development
- Computational Modeling of Drug Disposition
- Computers in Preclinical Development
- · Optimization Techniques in Pharmaceutical Formulation
- Computers in Market Analysis
- Computers in Clinical Development
- Artificial Intelligence (AI) and Robotics
- Computational fluid dynamics(CFD)

THEORY 60 Hrs

- in Pharmaceutical Research Development: A General Overview: History of Computers in Hrs Pharmaceutical Research and Development. Statistical modeling in Pharmaceutical research and development: Descriptive versus Mechanistic Modeling, Statistical Parameters, Confidence Regions, Nonlinearity at the Optimum, Sensitivity Analysis, Optimal Design, Population Modeling b. Quality-by-Design In Pharmaceutical Development: Introduction, ICH Q8 guideline, Regulatory and industry views on QbD, Scientifically based QbD - examples of application.
- Computational Modeling Of Drug Disposition: Introduction
  ,Modeling Techniques: Drug Absorption, Solubility, Intestinal
  Permeation, Drug Distribution ,Drug Excretion, Active Transport;
  P-gp, BCRP, Nucleoside Transporters, hPEPT1, ASBT, OCT,
  OATP, BBB-Choline Transporter.

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# Supporting Courses: M. Pharm: Hazards and Safety Management

# HAZARDS AND SAFETY MANAGEMENT (MQA 201T)

#### Scope

This course is designed to convey the knowledge necessary to understand issues related to different kinds of hazard and their management. Basic theoretical and practical discussions integrate the proficiency to handle the emergency situation in the pharmaceutical product development process and provides the principle based approach to solve the complex tribulations.

#### Objectives

At completion of this course it is expected that students will be able to

- Understand about environmental problems among learners.
- Impart basic knowledge about the environment and its allied problems.
- Develop an attitude of concern for the industry environment.
- Ensure safety standards in pharmaceutical industry
- · Provide comprehensive knowledge on the safety management
- Empower an ideas to clear mechanism and management in different kinds of hazard management system
- Teach the method of Hazard assessment, procedure, methodology for provide safe industrial atmosphere.

THEORY 60Hrs

- Multidisciplinary nature of environmental studies: Natural 12 Resources, Renewable and non-renewable resources, Natural Hrs resources and associated problems,
  - a) Forest resources; b) Water resources; c) Mineral resources; d) Energy resources; e) Land resources
    Ecosystems: Concept of an ecosystem and Structure and function of an ecosystem. Environmental hazards: Hazards based on Air, Water, Soil and Radioisotopes.
- Air based hazards: Sources, Types of Hazards, Air circulation 12 maintenance industry for sterile area and non sterile area, Hrs Preliminary Hazard Analysis (PHA) Fire protection system: Fire prevention, types of fire extinguishers and critical Hazard management system.
- 3 Chemical based hazards: Sources of chemical hazards, 12 Hazards of Organic synthesis, sulphonating hazard, Organic Hrs solvent hazard, Control measures for chemical hazards,

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## Supporting Courses: M. Pharm: Audits and Regulatory Compliance

# AUDITS AND REGULATORY COMPLIANCE (MPA 203T)

#### Scope

This course deals with the understanding and process for auditing in pharmaceutical industries. This subject covers the methodology involved in the auditing process of different in pharmaceutical industries.

#### Objectives

Upon completion of this course the student should be able to

- To understand the importance of auditing
- To understand the methodology of auditing
- · To carry out the audit process
- To prepare the auditing report
- · To prepare the check list for auditing

THEORY

0 Hrs

- Introduction: Objectives, Management of audit, Responsibilities, 12
   Planning process, information gathering, administration, Hrs
   Classifications of deficiencies
- Role of quality systems and audits in pharmaceutical 12 manufacturing environment: cGMP Regulations, Quality Hrassurance functions, Quality systems approach, Management responsibilities, Resource, Manufacturing operations, Evaluation activities, Transitioning to quality system approach, Audit checklist for drug industries.
- Auditing of vendors and production department: Bulk 12 Pharmaceutical Chemicals and packaging material Vendor audit, Hrs Warehouse and weighing, Dry Production: Granulation, tableting, coating, capsules, sterile production and packaging.
- Auditing of Microbiological laboratory: Auditing the 12 manufacturing process, Product and process information, General Hrs areas of interest in the building raw materials, Water, Packaging materials.

College of Pharmacy

136

PRINCIPAL
PRINCIPAL
Ashokrao Mane College of Pharmacy
Peth-Vadgaon, Dist. Kolhapur.

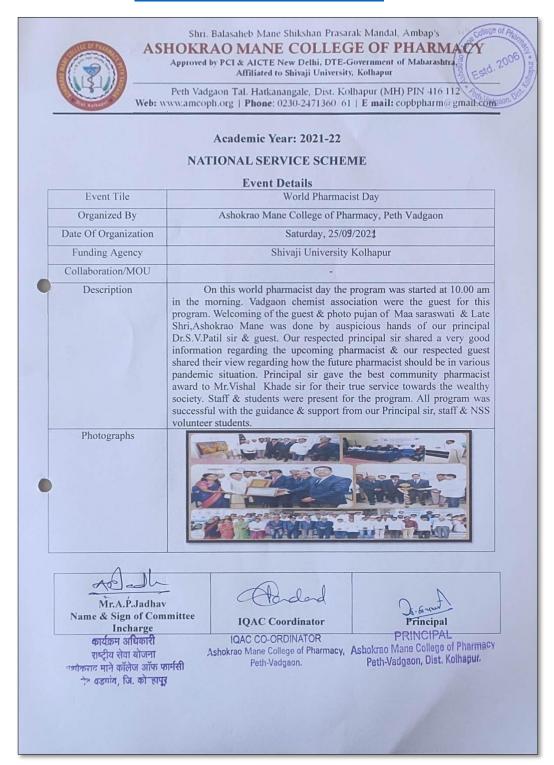




### **DETAILS OF SUPPORTING CO-CURRICULAR ACTIVITIES**

### **Supporting Activities related to Professional Ethics**

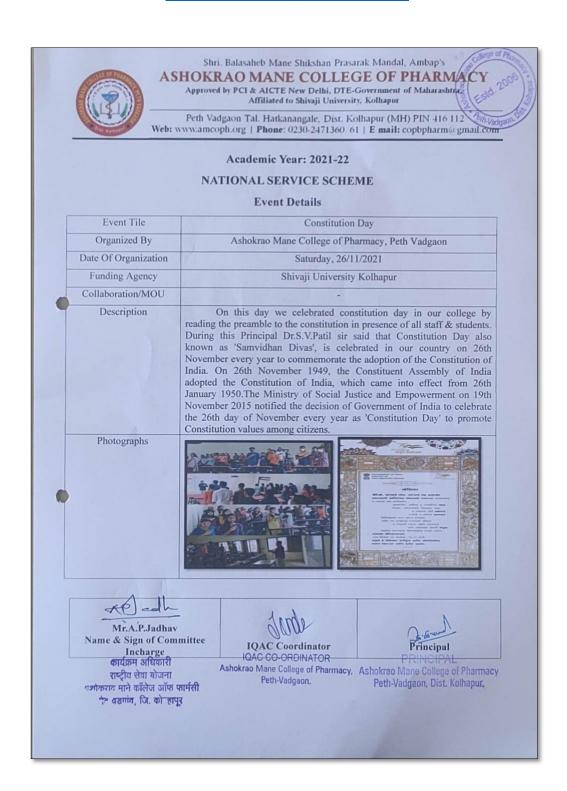
#### **World Pharmacist Day Celebrations**





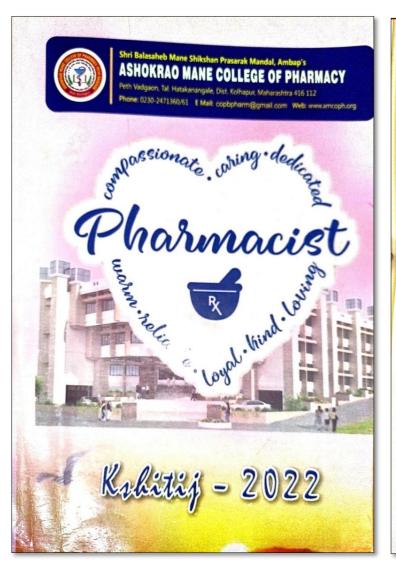


# **Constitutions Day Celebration**





# **ANNUAL MAGAZINE**







#### A National Level E-Poster Competition: 2021-2022

# TOPICS FOR POSTER PRESENTATION

- 1. Challenges in Online Education
- 2. New Education Policy
- 3. Artificial Intelligence in Pharma Healthcare

# INSTRUCTIONS FOR POSTER PRESENTATION

- 1. No registration fees.
- Competition is only for all faculties of Pharmacy.
- Language of presentation should be English.
- Last date of registration & submission of E-Poster & Video is 20th February 2022.
- The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.
- Kindly fill & upload poster and video clip by using given registration link.
- 7. Decision given by judges shall be final.
- Presenters face and Poster should be visible clearly during Presentation.
- E-certificate will be given to all participants after filling feedback form.
- participants after filling feedback form.

  10. The winner will be awarded by cash
  prize and e-certificate.
- The result shall be declared on 28<sup>th</sup> February 2022.

#### **PATRON**

Hon. Shri. Vijaysinh A. Mane
President,
Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

Hon. Mrs. Manisha V. Mane Z. P. Member, Kolhapur

#### **ORGANIZING COMMITTEE**

#### **CONVENOR**

Dr. N. B. Chougule, Principal, AMIP, Ambap
Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon
Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon
Dr. A. S. Kulkarni, Principal, AMIPSR, Save

#### **CO-ORDINATORS**

Mr. S. S. Shelake (Mob. 9860601550)
Ms. N. K. Mujawar (Mob. 7709720763)
Dr. S. A. Bandgar (Mob. 8600009719)
Mr. S. S. Karale (Mob. 7620867251)

#### Registration Link

https://forms.gle/NoBxUAHDTKPM6Knx8

#### PRIZES

First Prize Rs. 7000/-Second Prize Rs. 5000/-Third Prize Rs. 3000/-

# 6

Late. Shri. Ashokrao Mane Founder President, Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

#### A NATIONAL LEVEL E-POSTER COMPETITION FOR PHARMA FACULTY

20th February 2022

#### **Organized By**

ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP

WOMENS COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE

In Collaboration with



ASSOCIATION OF PHARMACEUTICAL TEACHERS OF INDIA (APTI) Email: pharmafacultypresentation@gmail.com Website: www.amgkolhapur.com

# TOPICS FOR POSTER PRESENTATION

- 1. Artificial Intelligence in Health Care
- 2. Role of Pharmacist in Digital Era
- 3. Nanotechnology and India
- Recent trends in Herbal Drug Technology

# INSTRUCTIONS FOR POSTER PRESENTATION

- 1. No registration fees.
- Language of presentation should be English.
- The competition is only for B.Pharmacy students of Maharashtra State only.
- Last date of registration & submission of E-Poster & Video is 15th February 2022.
- 5 The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.
- 6 Maximum two entries will be accepted per institute.
- 7 Kindly fill & upload poster and video clip by using given registration link.
- 8 Decision given by judges will be final.
- 9 Presenters face and Poster should be visible clearly during Presentation.
- 10 E-certificate will be given to all participants after filling feedback form.
- 11 During presentation all students should wear their college ID card.

### PATRON

Hon. Shri. Vijaysinh A. Mane

President, Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

Hon. Mrs. Manisha V. Mane Z. P. Member, Kolhapur

#### ORGANIZING COMMITTEE

#### CONVENOR

Dr. N. B. Chougule, Principal, AMIP, Ambap Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon Dr. A. S. Kulkarni, Principal, AMIPSR, Save

#### **CO-ORDINATORS**

 Mr. S. S. Shelke
 (Mob. 9860601550)

 Ms. N. K. Mujawar
 (Mob. 7709720763)

 Mrs. P. P. Patil
 (Mob. 9766671024)

 Mr. S. S. Karale
 (Mob. 7620867251)

#### **Registration Link**

https://forms.gle/DvDx8RR2jpDva3Kz9

#### **PRIZES**

First Prize Rs. 3000/-

Second Prize Rs. 2000/-

Third Prize Rs. 1000/-



Late. Shri. Ashokrao Mane Founder President,

#### A STATE LEVEL E-POSTER COMPETITION FOR B. PHARM STUDENTS

15<sup>th</sup> February 2022 Organized By

ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP

WOMENS COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE

SPONSORED BY



SG PHYTO PHARMA PVT.LTD., KOLHAPUR

Email: bpharmposter@gmail.com Website: www.amgkolhapur.com

#### A National Level E-Poster Competition: 2021-2022



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

# ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Principal : Dr. S. ₩. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 328/2021-21

Date: 03 02 2022

To.

The Chairman,

IPA-Kolhapur Local Branch,

Subject: National Level E-Poster Competition for Pharmacy students.

Respected Sir,

In connection with the above subject we, Ashokrao Mane Pharmacy College, Peth Vadgaon, Womens College of Pharmacy, Peth Vadgaon, Ashokrao Mane Institute of Pharmacy, Ambap and Ashokrao Mane Institute of Pharmaceutical Sciences and Research, Save are planning to organize online national level e-Poster competition for Pharmacy students. It's our humble request to sponsor the program under IPA Kolhapur Local branch.

We all know that IPA Kolhapur branch has given enormous contribution in couple of years in the field of pharmacy. It will be our privilege if we get an opportunity to work in collaboration with you. We believe that your contribution to this field is unparalleled and will be of great benefit. This program is scheduled in the third week of February 2022 and will be held on Online Mode.

So we request you to give an opportunity to conduct this event in collaboration with IPA Kolhapur Local branch.

Thanks and Regards

PRINCIPAL Ashokrao Mane College of Phar:

Peth-Vadgaon, Dist. Kolhapur.



# TOPICS FOR POSTER PRESENTATION

- 1. 3D printing of medicines
- 2. Herbal Medicines in COVID-19
- 3. Pharmacogenomics
- 4. Current trends in drug discovery research

# INSTRUCTIONS FOR POSTER PRESENTATION

- 1. No registration fees.
- Language of presentation should be English.
- The competition is only for M.Pharmacy students of Maharashtra State only.
- Last date of registration & submission of E-Poster & Video is 20<sup>th</sup> February 2022.
- 5 The video should be submitted in MP4 format with size of 40 MB of duration not exceed 5 minutes.
- 6 Maximum two entries will be accepted per institute.
- 7 Kindly fill & upload poster and video clip by using given registration link.
- 8 Decision given by judges will be final.
- 9 Presenters face and Poster should be visible clearly during Presentation.
- 10 E-certificate will be given to all participants after filling feedback form.
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## **PATRON**

Hon. Shri. Vijaysinh A. Mane

Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

Hon. Mrs. Manisha V. Mane Z. P. Member, Kolhapur

### **ORGANIZING COMMITTEE**

### **CONVENOR**

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Dr. D. R. Jadge, Principal, WCOP, Peth Vadgaon

Dr. S. V. Patil, Principal, AMCP, Peth Vadgaon

Dr. A. S. Kulkarni, Principal, AMIPSR, Save

# **CO-ORDINATORS**

Dr. P. S. Patil (Mob. 9766701040)

Dr. S. B. Sutar (Mob. 7276114156)

Mr. S. S. Shelke (Mob. 9860601550)

Ms. N. K. Mujawar (Mob. 7709720763)

# **Registration Link**

https://forms.gle/7cBNnpmEw49wdbk18

# **PRIZES**





Late. Shri. Ashokrao Mane Founder President, Shri Balasaheb Mane Shikshan Prasarak Mandal. Ambap

# A STATE LEVEL E-POSTER COMPETITION FOR M. PHARM STUDENTS

20th February 2022

**Organized By** 

ASHOKRAO MANE INSTITUTE OF PHARMACY, AMBAP

WOMENS COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE COLLEGE OF PHARMACY, PETH VADGAON

ASHOKRAO MANE INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, SAVE

In Collaboration with



INDIAN PHARMACEUTICAL ASSOCIATION (IPA), LOCAL BRANCH KOLHAPUR.

> Email: mpharmposter@gmail.com Website: www.amgkolhapur.com





Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

# ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Principal ; Dr. S. S. PATIL Founder President ; LATE SHRI, ASHOKRAO MANE President ; SHRI, VIJAYSHH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 407/2021-22

Date: 15/3/22

To,
The Executive Director,
S. G. Phyto Pharma Pvt. Ltd.
532/1, Nilgiri Apartment, Plot. 3, 'E',
Rajendranagar Ring Road,
Kolhapur 416004/1.
Maharashtra.
India.

Subject: Invitation for prize distribution ceremony

Respected Sir,

With the reference to subject cited above and as per our previous communication, We, Ashokrao Mane College of Pharmacy, Peth- Vadgaon have successfully conducted A State level E- poster competition on 15th February 2022. This state level poster competition was sponsored (Rs. 5000/-) by your reputed company S.G. Phyto Pharma and we are thankful to you for sponsoring this competition.

The prize distribution ceremony of conducted State level E- poster competition is scheduled on 16<sup>th</sup> March 2022 at 11.00 am and herewith, we are cordially inviting you to join the prize distribution ceremony program.

It would be a great honor for us that you are attending the prize distribution ceremony and hand out the certificates and prizes to the winners of competition. We from the "Ashokrao Mane College of Pharmacy, Peth- Vadgaon" would be in your gratitude if you accept this invitation and grace the event.

Thanking you,

Ashokrao Mane College of Pharmacy Peth-Vadgaon, Dist. Kolhapur.





Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

# ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MANE

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Ref. No.: 331/2021-22

Date: 04/02/2021

To.

The Executive Director, SG Phytopharma Pvt. Ltd., Kolhapur.

Subject: Sponsorship for National Level E- Poster Competition for Pharmacy students.

Respected Sir,

In connection with the above subject we, Ashokrao Mane Pharmacy College, Peth Vadgaon, Womens College of Pharmacy, Peth Vadgaon, Ashokrao Mane Institute of Pharmacy, Ambap and Ashokrao Mane Institute of Pharmaceutical Sciences and Research, Save are planning to organize online national level e-Poster competition for Pharmacy students. It's our humble request to sponsor the program under S. G. Phyto Pharma Pvt. Ltd, Kolhapur.

We all know that S. G. Phyto Pharma Pvt. Ltd. the manufacturers of quality ayurvedic medicines, was founded in 1980 by Late Shri. G. Y. Gune and Late Shri. S. G. Pitre, who were inspired by the senior most Raj Vaidya Shri. Babasaheb Gune, The medical advisor to the state royal family of Kolhapur in early 20th century. Ayurveda, the oriental science of life has been a passion and tradition with the Gune and Pitre families.

It will be our privilege if we get an opportunity to work in collaboration with you. We believe that your contribution to this field is unparalleled and will be of great benefit. This program is scheduled in the third week of February 2022 and will be held on Online Mode.

So we request you to give an opportunity to conduct this event in collaboration with S. G. Phyto Pharma Pvt. Ltd, Kolhapur.

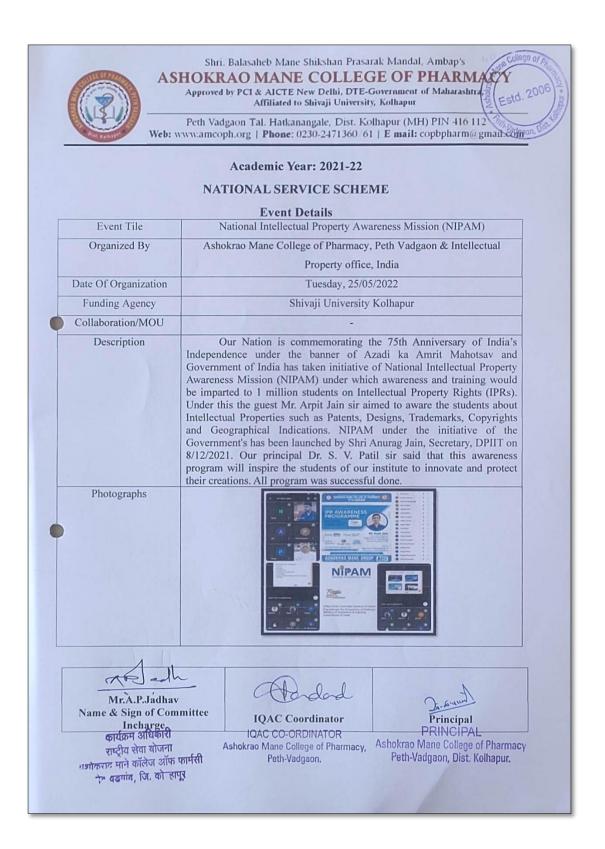
Thanks and Regards

PRINCIPAL
Ashokrao Mane College of Pharmacy
Peth-Vadgaon, Dist. Kolhapur.





#### **National Intellectual Property Awaressess Mission Program**



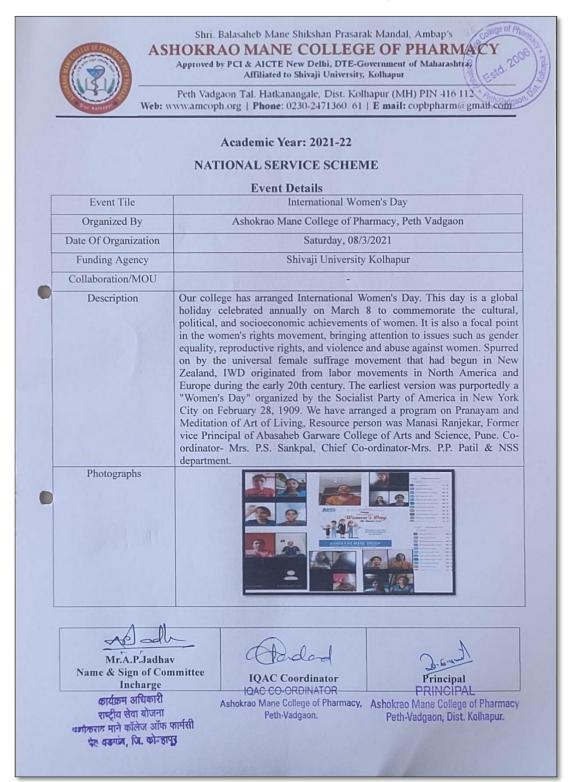


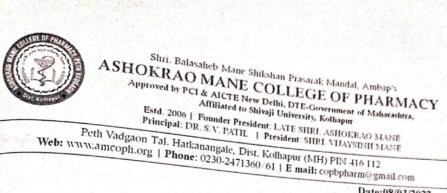


# **Supporting Activity Gender**

# Workshop occasion of World Women's Day Pranayama and

# **Meditation of Art of living**





Date:08/03/2022

Mrs Manasi Ranjekar Former Vice- Principal Abasaheb Garware College of Arts And Science, Pune

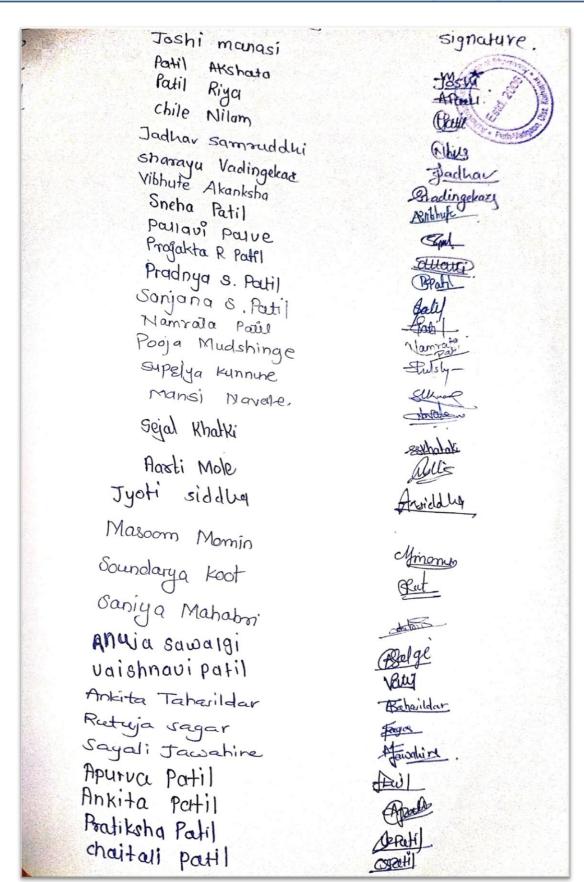
#### LETTER OF APPRECIATION

Dear Sir/madam

On behalf of Ashokrao Mane college of Pharmacy we would like to express our appreciation for conducting the workshop on the topic "Pranayam and Meditation of Art of Living"This will definitely be helpful for our faculty as well as students to enrich their mental health.

> Ashokreo Mane College of Pharmacy Peth-Vadgaon, Dist. Kolhepur.







### Felicitation of Faculty members on Women's Day Celebrations 2021-2022



### Felicitation of Faculty members on Occasion of Women's Day 2022 by AMG Wathar

- 1. **Dr. P. S. Sankpal:** Inspiring Women Scientist Award 2022
- 2. **Dr. S. B. Sutar:** AMG Distinguished Faculty Award 2022
- 3. **Ms. S. S. Suryawanshi:** Inspiring Young Women Award 2022
- 4. Mrs. P. P. Patil: Women Leadership Award 2022



# **Details of Sports Events**

# I) Indoor Games:

Sr. No.	Name of Events	Particulars	
01	Chess	Boys	Girls
02	Carom	Boys (Single)	Girls (Single)
02		Doubles	

#### II) **Outdoor Games:**

Sr. No.	Name of Events	Particulars	
01	Kho-Kho	Boys	Girls
02	Cricket	Boys	Girls
03	Volley ball	Boys	
04	Throw ball		Girls

#### III) **Individual events:**

Sr. No.	Name of Events	Particulars	
01	Disc throw	Boys	Girls
02	Javelin throw	Boys	Girls
03	Shot put	Boys	Girls
04	Running 100m	Boys	Girls
05	Running 400m	Boys	Girls
06	Relay	Boys	Girls



# **Sports events News and Photographs**









# WORKSHOP INTERNAL COMPLAINT COMMITTEE



Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

ASHOKRAO MANE COLLEGE OF PHARMACY
Approved by PCI & AICTE New Delhi, DTE-Government of Maharashtra,
Affiliated to Shivaji University, Kolhapur

Peth Vadgaon Tal. Hatkanangale, Dist. Kolhapur (MH) PIN 416 112 Web: www.amcoph.org | Phone: 0230-2471360/61 | E mail: copbpharm@gmail.com

# INTERNAL COMPLAINT COMMITTEE

Workshop conducted in Academic Year 2021-2022

Sr.No.	Name of the Event	Speaker	Number of Participant
1.	Gender	Dr. A. A. Gawade	99
	Sensitization and		
*	Equality	•	





711- 21-22

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

# ASHOKRAO MANE COLLEGE OF PHARMACY

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MAN

Ref. No.: 391/2021-22

Date: 09/03/202

To,

Dr. A. A. Gawade, Associate Professor, Dept. of Sociology & Presiding Officer, ICC Night College of Arts and Commerce, Kolhapur

Respected Madam,

I am pleased to inform you that Internal Complaint Committee (ICC) of Ashokrao Mane College of Pharmacy, Peth-Vadgaon is organizing online seminar on 'Gender Sensitization & Equality' on Thursday, 10<sup>th</sup> March 2022 at 11:00 am through the online platform.

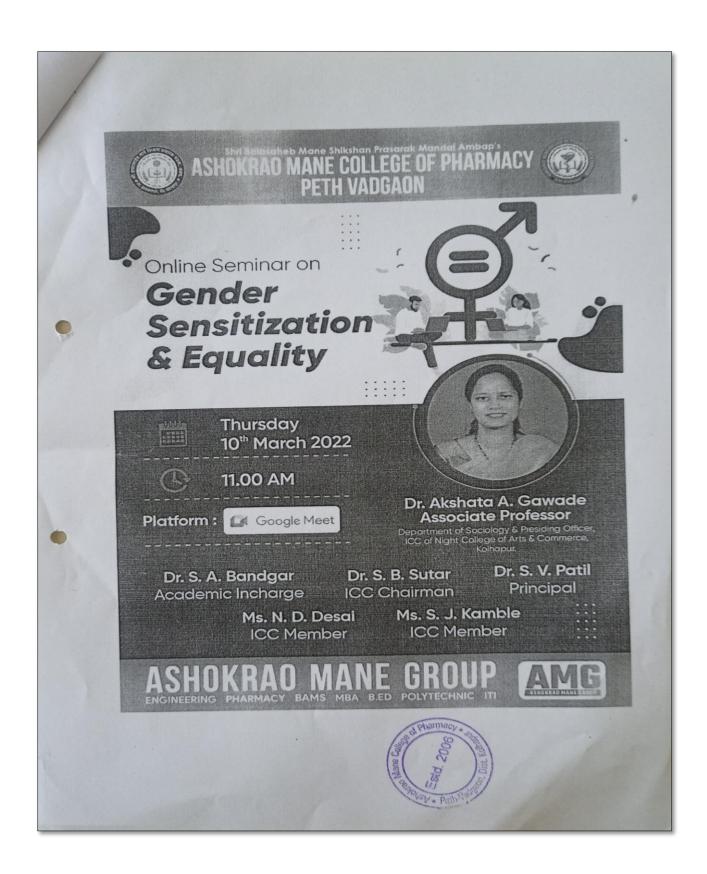
We cordially invite you to attend the seminar as a guest speaker. We are hoping for your positive response.

Details are given as an attachment.

Thanking You.

Dr. S. V. Patil
PRINCIPAL

Ashokrao Mane College of Pharmacy Peth-Vadgaon, Dist. Kolhapur.



# Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's ASHOKRAO MANE COLLEGE OF PHARMAC

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 2006

Principal : Dr. S. V. PATIL Founder President : LATE SHRI. ASHOKRAO MANE President : SHRI. VIJAYSINH MAN Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Date: 09/03/202

To,

Dr. A. A. Gawade, Associate Professor, Dept. of Sociology & Presiding Officer, ICC Night College of Arts and Commerce, Kolhapur

Respected Madam,

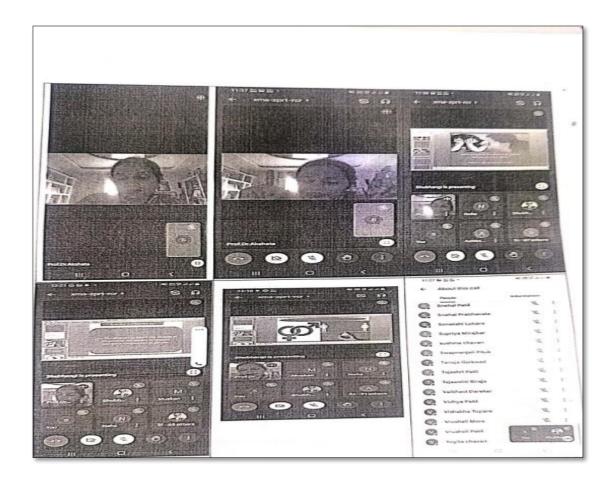
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We cordially invite you to attend the seminar as a guest speaker. We are hoping for your positive response.

Details are given as an attachment.

Thanking You.

PRINCIPAL Ashokrao Mane College of Pharmacy Peth-Vadgaon, Dist. Kolhapur.





## **Gender Ratio**

## **Student Gender Ratio 2021-22**



#### STUDENT GENDER RATIO FOR LAST FIVE YEARS

Academic year	Class	Number of Male students	Number of Female students	Total number/year	Gender Ratio/year	
	F.Y.B.Pharm	50	60		*-	
	S.Y.B.Pharm	72	56		Male:Female 1:1.94	
	T.Y.B.Pharm	65	53			
	FinalYr.B.Pharm	43	71			
	F.Y.M.Pharm (Pharmaceutics)	8	8	Male: 259 Female: 274		
2021-22	S.Y.M.Pharm (Pharmaceutics)	5	10	Total: 533		
	F.Y.M.Pharm (QA)	8	8			
	S.Y.M.Pharm (QA)	8	8			
	F.Y.B.Pharm	63	49	Male:220 Female: 277 Total: 497	Male:Female 1:1.79	
	S.Y.B.Pharm	50	65			
	T.Y.B.Pharm	48	69			
	FinalYr.B.Pharm	33	65			
2020-21	F.Y.M.Pharm (Pharmaceutics)	5	10			
	S.Y.M.Pharm (Pharmaceutics)	8	6			
	F.Y.M.Pharm (QA)	8	8			
	S.Y.M.Pharm (QA)	5	5			
2019-20	F.Y.B.Pharm	30	50	Male:181	Male:Female 1:1.69	
	S.Y.B.Pharm	47	66	Female: 260		
	T.Y.B.Pharm	35	62	Total: 441		
	FinalYr. B.Pharm	47	62			
	F.Y.M.Pharm (Pharmaceutics)	9	4			





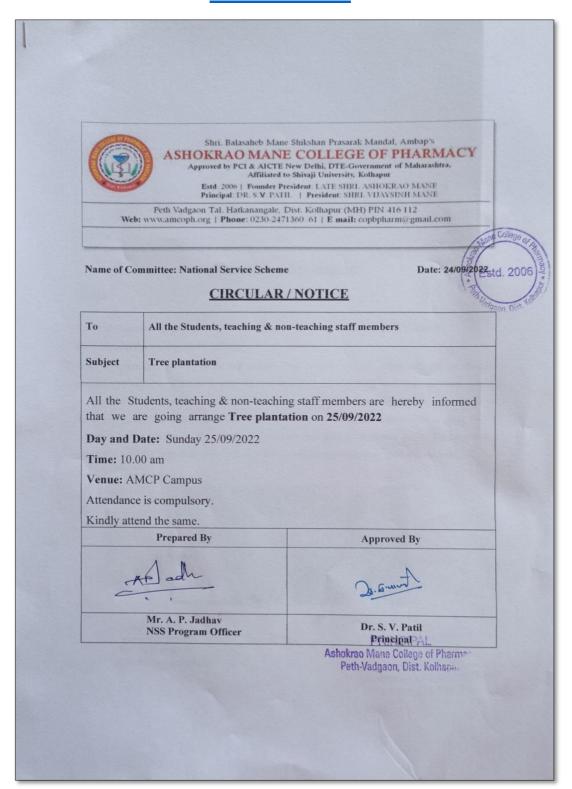
	S.Y.M.Pharm (Pharmaceutics)	6	7		
	F.Y.M.Pharm (QA)	5	5		
	S.Y.M.Pharm (QA)	2	4		
2018-19	F.Y.B.Phann	41	59		
	S. Y.B.Pharm	41	69		
	T.Y.B.Pharm	49	60	Male:201	
	FinalYr.B.phar m	54	58	Female:263 Total:464	Male:Female 1:1.76
	F.Y.M.Pharm (Pharmaceutics)	7	7		
	S.Y.M.Pharm (Pharmaceutics)	6	6		
	F.Y.M.Pharm (QA)	3	4		
2017-18	F.Y.B.Pharm	39	61		Male:Female 1:1.93
	S.Y.B.Pharm	48	63		
	T.Y.B.Pharm	60	54	T	
	Final Yr. B.Pharm	65	52	Male: 229	
	F.Y.M.Pharm (Pharmaceutics)	7	5	Female:246 Total: 475	
	S.Y.M.Pharm (Pharmaceutics)	6	7		
	S.Y.M.Pharm (QA)	4	4		

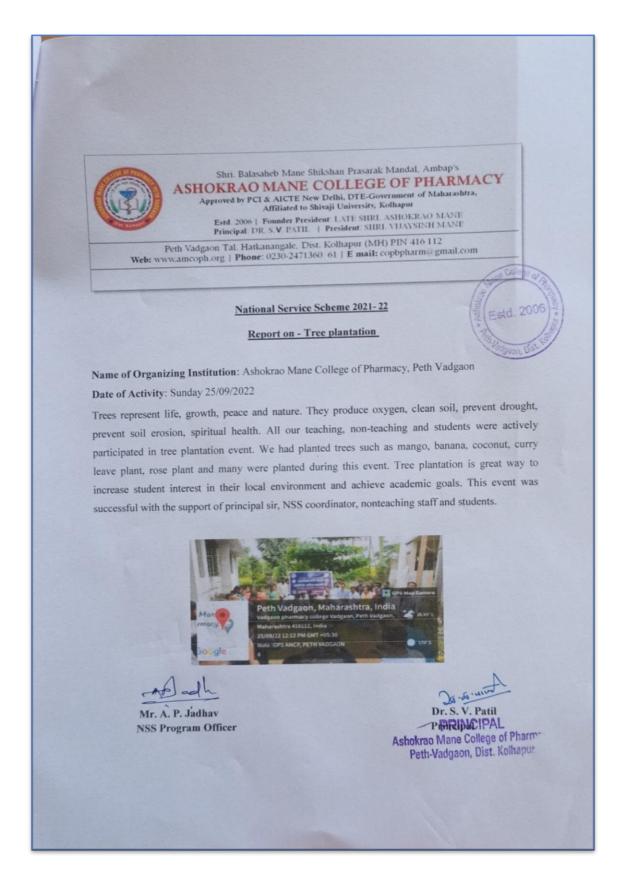




## Supporting Activity related to Environment and Sustainability

### **Tree Plantation**

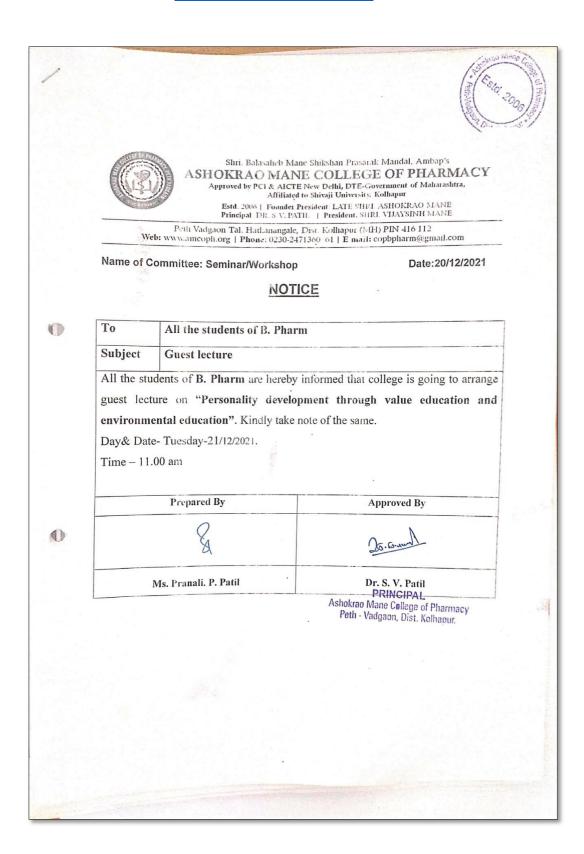








# Workshop on Personality Development through value education and environmental education







Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's

DKRAO MANE COLLEGE OF

AICTE / Approval Letter No.: F-06 / 07 / MS / PHARM /2005 / 003, Dt. 30 May 200

Principal: Dr. S. PATIL Founder President: LATE SHRI, ASHOKRAO MANE President: Peth vadgaon, Tal. Hatkanangale, Dist. Kolhapur. (MS)Phone: (0230)2471360 / Fax:0230-2471361, E-mail: copbpharm@gmail.com

Date: 21/12/2021

Ref. No.:

10

Mr. Shivaji Mallappa Nerli A/P Nerli, Kolhapur

LETTER OF APPRECIATION

Respected Sir,

On the behalf of Ashokrao Mane College of Pharmacy, Peth Vadgaon; we are pleased for your guest lecture on the topic 'Personality development through value education and environmental education' on Tuesday, 21 December 2021.

We sincerely express our deep sense of appreciation for your valuable guidance.

Thanking You,

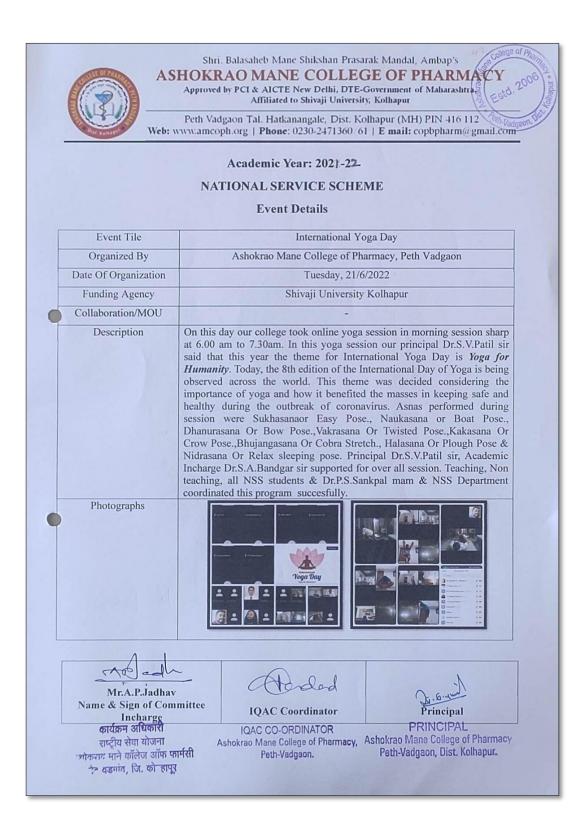
Yours Truly

Peth-Vadgaon, Dist. Kolhapur.

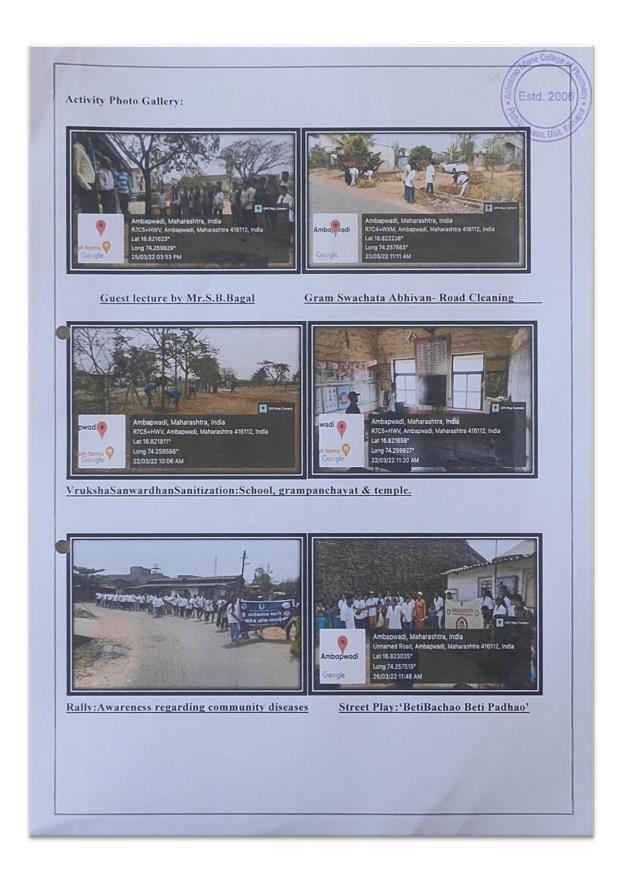




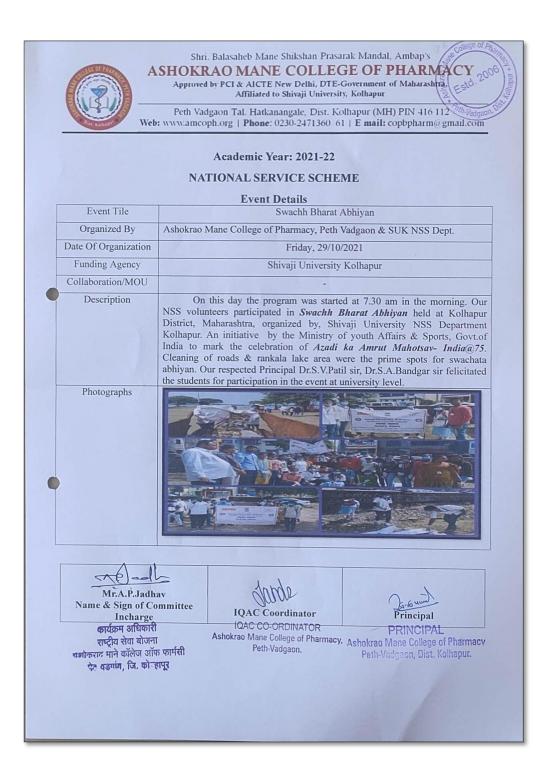
### NSS ACTIVITIES: INTERNATIONAL YOGA DAY













## **E-WASTE**



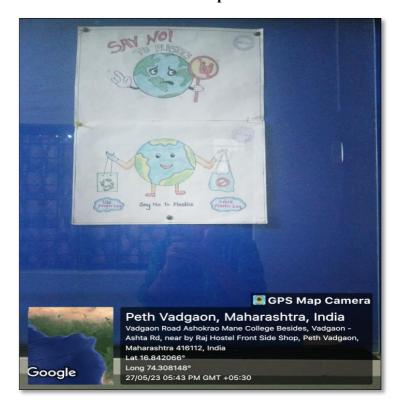




## **TOBACCO FREE CAMPUS**



**Plastic Free campus** 







### **E-poster competition on the occasion of World Environment Day**





1	Timestamp	Name of Student	E-mail ID
2	6/1/2021 9:26:28	Shreyas bajirao patil	pshreyas6164@g
3	6/2/2021 0:27:46	Bhakti Rajshekhar wali	walibhakti23@gn
4	6/2/2021 12:49:34	Chidguwar Evanjli Sanjay	evanjli0312@gma
5	6/2/2021 23:45:20	Shruti Shantinath Patil	shrutumpatil1234
6	6/3/2021 0:58:53	Mandlik shivani popat	Mandlik shivani
7	6/3/2021 1:00:18	Preeti Mane	preetimane0@gn
8	6/3/2021 1:58:19	Simran bedade	simranbedade70
9	6/3/2021 2:27:12	Gouri rajendra koli	Gourimahesh18@
10	6/3/2021 2:30:34	Tanaj shakil mujawar	tanajmujawar19@
11	6/3/2021 2:31:21	Supriya sakharam Avale	avalesupriya2000
12	6/3/2021 3:26:45	Koli Preeti Krushnat	Kolipreeti16@gm
13	6/3/2021 4:39:05	Rohini Sham karde	rohinikarade04@
14	6/3/2021 5:31:17	Gaurav Sitaram Desai	gaurav21desai@
15	6/3/2021 5:47:19	Diksha Nunse	dikshanunse@gn
16	6/3/2021 6:16:31	Supriya Santosh Mirajkar	supriyamirajkar8
17	6/3/2021 6:33:52	PATIL GAYATRI ARUN	gayupatil4341@e
18	6/3/2021 7:19:52	Prajakta Rajaram Parit	prajaktaparit66@
19	6/3/2021 7:21:33	Rehan H Sutar	rehanzayn.13@gr
20	6/3/2021 7:55:40	Shiom Mane	shiommane@gm
21	6/3/2021 8:06:22	Samradny Balavant Patil	samradny2900@
22	6/3/2021 8:50:00	Taniva Ravikumar Dass	tanivadass2103@
23	6/3/2021 9:42:06	Gulafrose Sheikh	sheikhgulafrose@
24	6/3/2021 9:55:36	Mande Rohit Rajkumar	rohitmande7427
29	6/3/2021 13:00:00	Pragati Pradeep Gaii	pragatigaji2002@
30	6/3/2021 13:53:43	Mihir Vinod Wadhwa	mihirwadhwa20@
31	6/3/2021 23:25:06	Saurabh, Umesh, Shriwas	shriwassaurabh3
32	6/4/2021 1:06:18		
33	6/4/2021 1:25:21	Shubham patil	Sp3103202@gm
34	6/4/2021 1:34:32	Proposition and the Proposition of the Proposition	
35	6/4/2021 1:36:05	Nikita Sanjay Tonape	nikitatonape8430
36	6/4/2021 1:55:34	Ashish Kundlik Vetale	ashishvetale37@
37	6/4/2021 2:06:08		dhanashri7335@
38	6/4/2021 2:18:55	Akshata Vijay Kadam	akashatakadamy
39	6/4/2021 2:29:56	Shraddha Rajesh Ingawa	
40	6/4/2021 3:19:24	Rutuja Pandharinath Bug	
41	6/4/2021 3:19:24		
42	6/4/2021 3:59:37	Miss Sudipta Rov	sudiptaroy89@gr
43	6/4/2021 4:20:26	Amruta Shamrao Patil	amrutapatil@gm
44	6/4/2021 4:20:26	Desai Savali Anil	Sayudesai10@gr
45	6/4/2021 4:32:26	Tohid Kazi	tohidkazi65822@
45	6/4/2021 4:34:36		chinmaypatil205
47		Vaishali Maruti Todkar	vaishalimalabade
48		Dhanshree Sanjay Mhatre	
49	6/4/2021 6:38:47	Saishwari sunil patil	Saishwaripatil26
50	6/4/2021 7:36:11	Prajkta Arvind shivsharar	Prajktashivshara



### **Awards: Certified Green Campus from Vmedulife Pune**



An ISO 9001:2015 certified company An official Industry Association with SCGJ, Govt. of India

## Certified Green Campus

This certificate is awarded to



#### Shri Balasaheb Mane Shikshan Prasarak Mandal Ambaps Ashokrao Mane College of Pharmacy, Peth-Vadgaon

to recognize the participation in the vmedulife "GO GREEN" initiative and to honour the valuable contribution made towards implementation of the online platform which contributes for sustaining greener nation.

We appreciate the involvement and cooperation extended by all the stakeholders in making the vive a success.





Certificate No.: 0609202101 (For Academic Year 2020-21)



VMEDULife Pvt. Ltd.

Date: 06/09/2021

This certificate of green campus remains the property of VMEDULife Pvt. Ltd.

For current validity of certificate, visit www.vmedulife.com



#### Award from Vadgaon Nagarparishad Peth-Vadgaon as Champion of Cleanliness



# Award from Vadgaon Nagarpalika Vadgaon as College Cleanliness (Received First Prize)





## **Supporting Activity related to Human Value**

#### Symbol:





The symbol for the NSS has been based on the gain Rath Wheel of the world famous Konark Sun temple (The Black Pagoda) situated in Orissa in India The wheel portrays the cycle of creation, preservation and release and signifies the movement in life across time and space. The symbol thus stands for continuity as well as change and implies the continuous striving of NSS for social change.

#### Organization:

Most of Government and Government aided institutions both schools and collages has NSS units composing volunteers. Even the private institutions are encouraged to have NSS volunteers. A unity may typically count from 20 to 40 students. They are managed internally by a responsibility from school or collages who reports to the regional NSS coordinator. Most of the institutions do not incorporate a separate uniform for NSS though it can be.

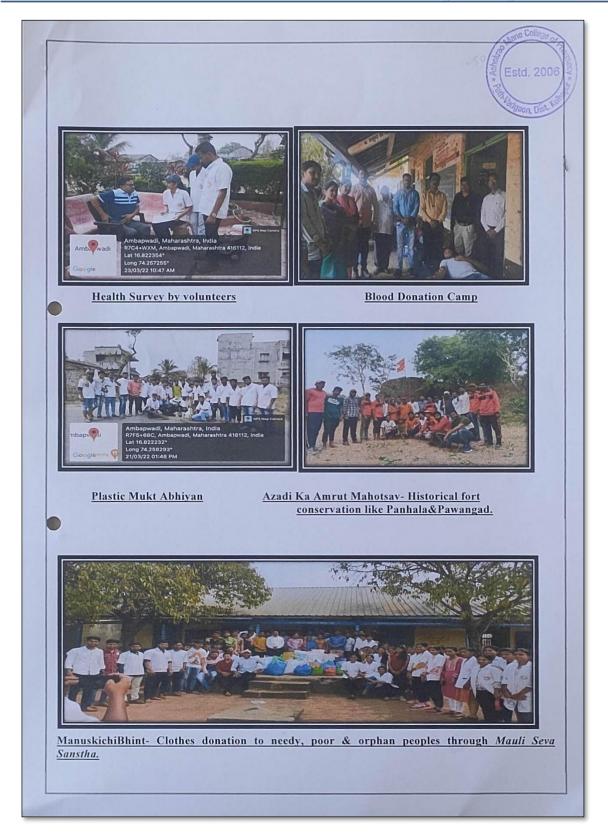
#### Organization of various events:

- Adopting village
- Clean Village Movement(school, roads, grampanchayat, village area).
- · Inspiring lectures.
- Social activities & survey regarding various awareness.
- Health/Medical Checkup Camp- hemoglobin, blood sugar, blood group, blood pressure.
- · Save girl child scheme.
- Street play on dowry prohibition, girl child education.
- · Rally for awareness
- Azadi Ka Amrut Mahotsav- Historical fort conservation like Panhala&Pawangad.

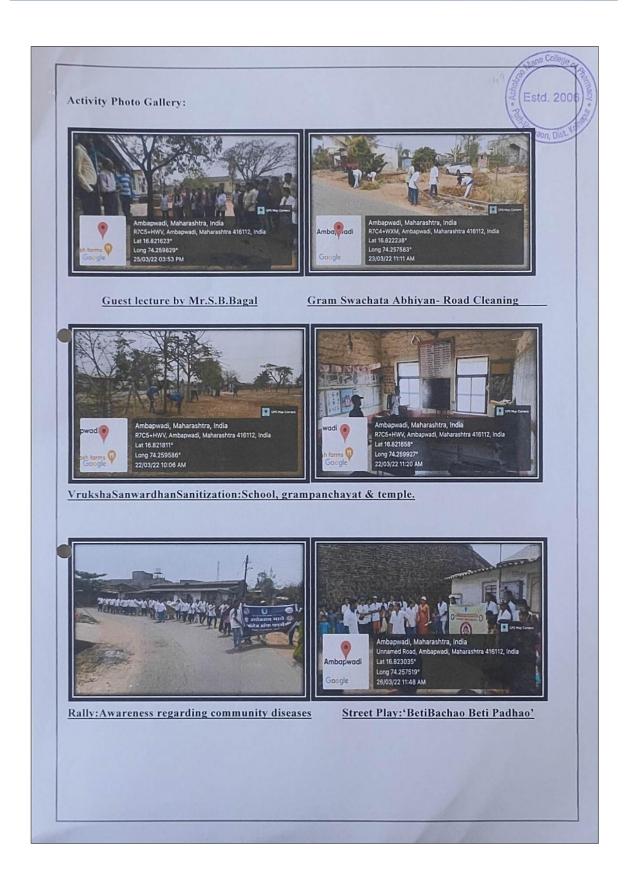
#### NSS COMMITTEE:

Sr.No.	Name	Designation	Member		
1.	Dr.S.V.Patil	Principal	President		
2.	Dr.S.A.Bandgar	Associate Professor	Academic Incharge		
3.	Mr.A.P.Jadhav	Assistant Professor	Program Officer		
4.	Ms.P.N.Chougule	Assistant Professor	Co-Program Officer		
5.	Mr.S.A.Patil	Student	Student Co-ordinator		

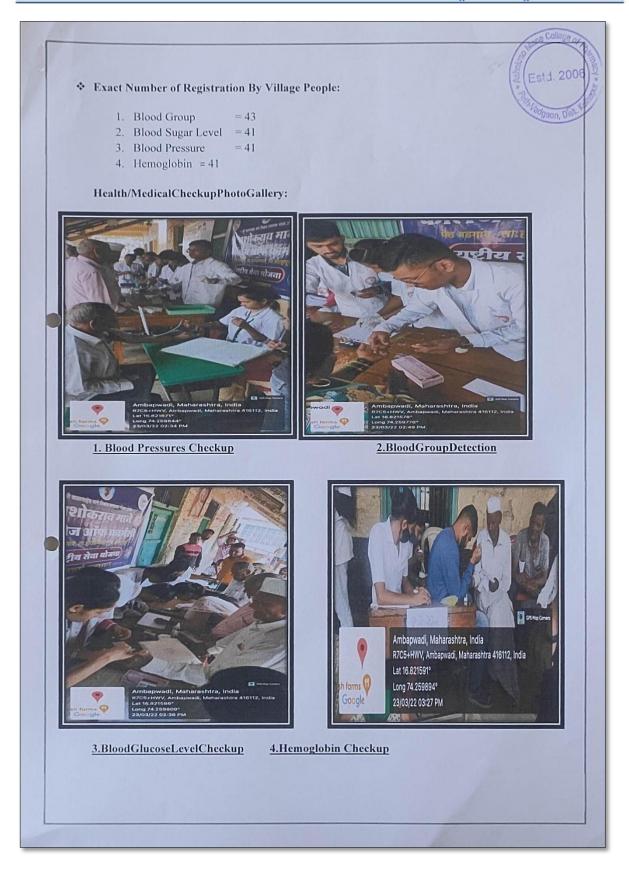














# Shri.BalasahebManeShikshanPrasarakMandal,Ambap's AshokraoManeCollegeofPharmacy,PethVadgaon HEALTH/ MEDICALCHECK-UPCAMPAT AMBAPWADI 2021-22

Sr. No	Name	Age/ Sex	Weight in Kg	Blood Group +/-	Blood Glucose Level	HB in gm/dl	Blood Pressure/ Pulse Rate
1.	Ananda A.Khade	65/M	61	A+	100	10.4	130/80
2.	Jaganath S.Jadhav	84/M	64	A+	106	10.8	110/70
3.	Yuvraj S.Sable	29/M	90	O+	157	10.4	120/80
4.	Prabhakar S.Khot	55/M	62	AB+	126	11.2	120/70
5.	Narayan M.Muchandikar	76/M	58	O+	184	12.1	110/70
6.	Raghunath S.Jadhav	60/M	55	O+	137	11.15	130/80
7.	Minakshi.M.Khade	57/F	64	AB+	131	8.5	150/90
8.	Chaya R.Varpe	52/F	68	O+	208	8.9	140/80
9.	Madhukar R.Khade	65/M	74	B+	153	12.5	170/60
10.	Yogesh V.Misal	22/M	58	0+	121	13.2	140/80
11.	Ananda S.Chopade	81/M	63	O+	82	9.1	130/80
12.	Chaya T.Naikwadi	45/F	72	A+	245	8.6	130/90
13.	Aruna T.Naikwadi	21/F	42	AB+	138	8.4	120/70
14.	SakubaiB.Jadhav	70/F	63	B+	268	9.4	170/100
15.	Shakuntala V.Khade	50/F	58	O+	135	8.1	110/70
16.	Sunita S.Bhosale	35/F	56	A+	88	8.9	110/60
17.	Sugandha H.Sabale	47/F	64	0+	100	8.3	130/80
18.	FulabaiS.Khot	65/F	57	B+	187	8.2	110/80
19.	Uttam B.Khot	45/F	75	AB+	159	13.8	130/90
20.	Vasant B.Khade	70/M	68	A+	129	13.2	130/80
21.	Gokula P.Nirmale	55/F	59	A+	143	8.1	110/70
22.	Mehbam Addas Chougule	51/M	64	AB-	107	13.2	110/60
23.	Satyajeet M.Nirmale	27/M	71	0+	82	14.4	120/80
24.	Manisha S.Khot	38/F	59	0+	113	9.2	120/70
25.	Pandit P. Khot	60/M	56	A+	113	13.6	120/80
26.	Laxmi B.Khade	50/M	61	B+	135	7.9	180/80
27.	Nita D.Khade	50/F	55	O+	156	8.3	120/90
28.	Pandurang L.Sadakar	65/M	59	B+	100	13.4	130/90
29.	Sunita P.Sadakar	55/F	58	O+	89	8.2	110/70
30.	Sanjay Y.Jadhav	47/M	65	AB+	174	14.9	110/70
31.	NanasoAakaram Khot	52/M	70	A+	133	14.2	110/70
32.	Raghunath ShamraoChopade	65/M	61	A-	105	13.18	110/80
33.	Akansha N.Patane	22/F	48	A+	95	8.3	110/70
34.	Samradny Patil	22/F	50	O+	169	8.7	110/70
35.	Apurva P.Patil	22/F	46	0+	100	8.2	120/80
36.	Suman B. Bhosale	65/F	49	A+	111	9.3	130/80
	RutujaV.Nalawade	22/F	54	O+	129	8.4	120/80
38.	RushikeshR.Bhong	23/M	51	B+	112	8.1	120/70
39.	SulochanaD.Sabale	60/M	53	A+	108	7.9	140/80
40.	Lata M.Randive	30/M	59	A+	92	8.6	130/80
41.	Shraddha R.Ingawale	22/F	52	A+	109	8.2	100/70
42.	Samarth S. Sabale	11/M	35	A+	-	-	
43,	Sakshhyam V. Sable	13/M	38	B+	200-	-	DE MILES EN CONTRACTOR





### **COVID DOSE VACCINATIONS**

