

## **AMCP BULLETIN** ANNUAL OFFICIAL PUBLICATION OF

# **ASHOKRAO MANE COLLEGE OF PHARMACY**

**Peth Vadgaon** 

Vol. 09, 2020-21

(Approved by PCI, AICTE, DTE & Govt. of Maharashtra; Affiliated to Shivaji University, Kolhapur)

Founder President Late Shri, Ashokrao Mane



FROM THE PRINCIPAL'S DESK

We can't always build the future for our youth, but we can build our youth for the future ...



Dr. S. V. Patil Principal

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



Hon. Shri. Vikasrao Ashokrao Mane Executive President, Shri. Balasaheb Mane Shikshan Prasarak Mandal, Ambap



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

#### VISION

Empowerment of the nation with knowledgeable pharmacist for healthy India

#### **MISSION**

- To provide pharmaceutical education par excellence.
- To promote community, institutional and industrial pharmacy.
- To foster and disseminate productive research in new & emerging area.
- To generate human resource in the profession of pharmacy.

It is my pleasure to welcome you to Ashokrao Mane College of Pharmacy (AMCP) Peth Vadgaon. AMCP is one of the premier pharmacy college in western maharashtra

particularly in Kolhapur district, imparting quality pharmacy education. AMCP was founded in 2006 by late our founder president Hon. Shri. Ashokrao Mane Saheb under the trust of Balasaheb Mane Shikshan Prasarak Mandal Ambap. BMSPM was founded in 1980 and now running more than 21 institutions under the able guidance of President Hon. Shri. Vijaysinh Mane Saheb.

The institute is recognized by the Pharmacy Council of India, New Delhi, All India Council for Technical Education, New Delhi and Shivaji University, Kolhapur.

AMCP offers B. Pharmacy, M Pharmcy (Pharmaceutics and Pharmaceutical Quality Assurance) and PhD programmes.

The Vision of AMCP is Empowerment of Nation with Knowledgeable Pharmacist. AMCP has produced several pharmacists and research scholars and as of today many of the AMCP alumni hold prominent positions in industry and academia both in India and abroad. Our students blend professionalism with a sense of social responsibility under NSS programs so as to be recognized as dutiful citizens of this country. At the same time our students also actively participates and won prizes in many events like Pharma Karandak by Shivaji University, Kolhapur, Inter-University Research competition and lot of other extra-curricular activities throughout the year. The college has a highly qualified, committed and talented teaching faculty who facilitate students to keep abreast with academic challenges and developments. I am highly delighted to publish AMCP Bulletin 2020-21 of Ashokrao Mane College Pharmacy, Peth Vadgaon. This issue is a account of the memorable events a brief and achievements held in the academic year 2020-2021.

Dr. S. V. Patil Principal

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#### **EDITORIAL BOARD**





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Prof. Ms. A. V. Deshmukh Asst. Professor

#### **INSTITUTIONAL NEWS**



Hon. Shri. Vijaysinh Mane, President felicitated the successful students of NIPER Examination in the presence of ZP Member Hon. Sou. Manisha Mane, Principal Dr. S. V. Patil, Dr. P. S. Patil, Mr. P. B. Patil, Mr. A. P. Jadhav, Dr. S. B. Sutar



# Institution at the forefront for quality

Students of Ashokrao Mane College of Pharmacy, Peth-Vadgaon scored brilliant results in the NIPER examination conducted by National Institute of Pharmaceutical Education and Research, Hyderabad. President Vijaysinh Mane said that, "The institute has always been at the forefront in enhancing the quality of students."

Success of Ashokrao Mane College in 'NIPER' exam :

Nikhil Mane, Prerna Teli, Adarsh Malgave, Rutuja Bugad, Komal Powar, Venkatesh Munde and Apurva Pol are the successful students in the examination were felicitated by President Vijaysinh Mane. On this occasion, Zilla Parishad member Hon. Mrs. Manisha Mane, Principal Dr. S. V. Patil were present.

#### Eleven students of Ashokrao Mane College of Pharmacy qualified GPAT exam.

Eleven students of Ashokrao Mane College of Pharmacy, Peth-Vadgaon scored brilliant results in the GPAT examination conducted on the behalf of All India Council of Technical Education, New Delhi. Students acknowledged that credit of success goes to college and arrangements are being made by the college to provide up-to-date education for the overall progress of the students. This success is due to the perseverance, hard work and proper guidance of the students. Hon. Shri. Vijaysinh Mane inform that the college will continue to be at the forefront for quality improvement.

GPAT qualifiers Nikhil Mane, Adarsha Malgave, Rutuja Bugad, Komal Pawar, Venkatesh Munde, Pradip Gavkar, Vijaya Govande, Prerna Teli, Shruti Kulkarni, Jasmin Naikwadi, Shubhangi Chougule were felicitated by the president Hon. Shri. Vijaysinh Mane and Z. P. member Hon. Sou. Manisha Mane

#### Faculty members of AMCP, Peth-Vadgaon Prof. Sandip Bandgar, Prof. Shubhangi Sutar & Prof. Pravin Patil received Ph. D.



#### NSS ACTIVITY - Azadi Ka Amrut Mahotsav

'Azadi Ka Amrut Mahotsav' program was organized at Ashokrao Mane College of Pharmacy, Peth-Vadgaon. On this occasion Principal Dr. S. V. Patil paid floral tribute to Mahatma Gandhi, Mahatma Phule, Chandrashekhar Azad. In his address principal express the need that the student must inculcate the ideas of great leaders.

Principal also said that it is important for today's generation to know the history of freedom struggle. Principal of Indira Gandhi High School Dr. Sachin Kondekar sir gave the speech about freedom fighters of India as well as prof. Pralhad Khot has guided on life of freedom fighter Bhagat Singh. Prof. A. P. Jadhav presented information about the historical place of Panhala Fort.

At that time Prof. S. A. Bandgar, Prof. P. B. Patil, NSS Program Head A. P. Jadhav & P. N. Chougule, Teaching and Non-teaching staff, students were present. The programme was successfully completed under the guidance of President Hon. Shri. Vijaysinh Mane and Z. P. Member Hon. Mrs. Manisha Mane.

Faculty members of AMCP, Peth-Vadgaon received Ph.D. from Shivaji University, Kolhapur namely Prof. S. A. Bandgar, under the guidance of Dr. N. R. Jadhav, Prof. S. B. Sutar under the guidance of Dr. V. C. Yeligar and Prof. P. S. Patil under the guidance of Dr. S. C. Dhavale. The faculty members were felicited by President Hon. Shri. Vijaysinh Mane, Z. P. Member Hon. Mrs. Manisha mane. On this occasion Senior Director Babasaheb Mulik, Principal Dr. S. V. Patil. Prof. P. B. Patil were present.

#### INDUSTRIAL NEWS

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#### **COVAXIN India's First Indigenous COVID - 19 Vaccine**

COVAXIN® - India's First Indigenous COVID-19 Vaccine

COVAXIN®, India's indigenous COVID-19 vaccine by Bharat Biotech is developed in collaboration with the Indian Council of Medical Research (ICMR) - National Institute of Virology (NIV).

The vaccine is developed using Whole-Virion Inactivated Vero Cell derived platform technology. Inactivated vaccines do not replicate and are therefore unlikely to revert and cause pathological effects. They contain dead virus, incapable of infecting people but still able to instruct the immune system to mount a defensive reaction against an infection.

Why to develop Inactivated Vaccine? Conventionally, inactivated vaccines have been around for decades. Numerous vaccines for diseases such as Seasonal Influenza, Polio, Pertussis, Rabies, and Japanese Encephalitis use the same technology to develop inactivated vaccines with a safe track record of >300 million doses of supplies to date. It is the well-established, and time-tested platform in the world of vaccine technology.

COVAXIN® is included along with immune-potentiators, also known as vaccine adjuvants, which are added to the vaccine to increase and boost its immunogenicity. It is a 2-dose vaccination regimen given 28 days apart. It is a vaccine with no sub-zero storage, no reconstitution requirement, and ready to use liquid presentation in multi-dose vials, stable at 2-8°C.

Pre-clinical studies: Demonstrated strong immunogenicity and protective efficacy in animal challenge studies conducted in hamsters & nonhuman primates.

The vaccine received Drug Control General of India approval for Phase I & II Human Clinical Trials in July, 2020.

A total of 375 subjects have been enrolled in the Phase 1 study and generated excellent safety data without any reactogenicity. Vaccine-induced neutralizing antibody titers were observed with two divergent SARS-CoV-2 strains. Percentage of all the side-effects combined was only 15% in vaccine recipients.

In Phase 2 study, 380 participants of 12-65 years were enrolled. COVAXIN® led to tolerable safety outcomes and enhanced humoral and cellmediated immune responses.

Covaxin phase 3 trials : A total of 25,800 subjects have been enrolled and randomized in a 1:1 ratio to receive the vaccine and control in a Event-Driven, randomized, double-blind, placebo-controlled, multicentre phase 3 study.



### **FEATHERS IN THE CROWN**

#### I. Institute:

- 1. Our Training and Placement Cell has received MoU (Collaboration) with 1. Rubicon Skill Development Pvt. Ltd., Pune, 2. Vmedulife Pyt. Ltd., Wakad, Pune, 3. Kolhapur Cancer Centre, Kolhapur, 4. Testbook EDU Solutions Pyt. Ltd., 5. Ashokrao Mane Hospital & Research Centre, Vathar Turf Vadgaon. This tie-up will facilitate M. Pharma students for their dissertation work in this leading pharmaceutical formulation R&D.
- **II. Faculty:**
- 1. Dr. S. A. Bandgar, Dr. S. B. Sutar (First Candidate of AMCP PhD Research Center) and Dr. P. S. Patil awarded Doctor of Philosophy in Pharmacy by Shivaji University Kolhapur.
- Mrs. P. N. Chougule, Dr. S. A. Bandgar and Mrs. P. P. Patil received award of Best Faculty of the Year (2020-2021) from 2. Vmedulife Pvt. Ltd. Pune in the month of August 2021.
- 3. Dr. S. V. Patil and Dr. S. A. Bandgar: Published and Granted Indian and Australian Patents.
- 4. Prof. S. A. Bandgar & Dr. S. V. Patil published Book Chapter entitled Nanostructures of Animicrobial Theropy in Nanoscale Process Micro and Nano Technologies Series published by Elsevier.]
- 5. **Prof. S. B. Sutar** published Book Chapter entitled Advanced Polymeric Systems : Application of Lepidium Sativum as an excipient in pharmaceuticals, published by River Publishers Series in polymer science. (ISBN - 97887702213687) (e-ISBN -97887702213051) (TR, Scopus Index)

#### COURSES OFFERED

#### (Institute Code : PH 6355)

#### 1) B. Pharm-Intake: 100, Duration: 4 years

Eligibility for admission to First Year B. Pharmacy: Candidate Passed HSC Science with 45% Marks for Open Category & 40% Marks for Reserved Category in PCB or PCM or both Groups, Must have non zero score in MT-CET.

Eligibility for admission to Direct Second Year B. Pharmacy: Candidate Passed Diploma in Pharmacy from PCI approved Institute with Minimum 50% Marks for Open Category Candidates & 45% Marks for Reserved Category Candidates.

2) M. Pharm (Duration: 2 years) i) Pharmaceutics - Intake: 15 ii) Pharmaceutical Quality Assurance - Intake: 15 Eligibility for admission: Candidate Passed B. Pharmacy from PCI approved institute with 50% Marks for Open Category Candidates & 45% Marks for Reserved Category Candidates, Must have valid GPAT score.

3) Ph. D in Pharmacy-Ph. D. programme in Pharmacy under faculty of Science and Technology of Shivaji University, Kolhapur.

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap was established in the year 1980 by Late Shri Ashokrao Pandurang Mane, Founder President, with the aim of promoting education in Western part of Maharashtra State. The journey to spread education was started with a secondary school in the year 1980. Presently the sanstha runs 21 Institutions comprising of Schools, Teachers Education,

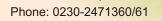
### **ABOUT SANSTHA & COLLEGE**



Agriculture, Pharmacy, Polytechnic, Engineering and Management Studies. Hon. President Shri. Vijaysinh A. Mane and Hon. Executive President Shri, Vikasrao A. Mane and Board of Management are making significant contributions in opening up new doors and chartering new paths for the development of non-technical and technical education.

Ashokrao Mane College of Pharmacy, Peth-Vadgaon has started in the year 2006 with the vision of empowerment of nation with knowledgeable pharmacist and mission providing pharmaceutical education par excellence. The college is one of the 'Rural-semi Urbansociety centered and focused educational institute. The college is having well qualified and experienced staff and well equipped laboratories and resourceful library.

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



Peth Vadgaon, Tal. Hatakanangale, Dist. Kolhapur, Maharashtra, India. E Mail: copbpharm@gmail.com, copbpharm@yahoo.com

Web: www.amcoph.org