



NAAC Accredited

Prabodhan Shikshan Prasarak Sanstha's

**INDIRA INSTITUTE OF PHARMACY**

SADAVALI, DEVRUKH, 415804

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NAAC accredited Pharmacy institute in Konkan region

# Footprints of IIPians

A Biannual Newsletter

Programs : D Pharm B Pharm



Ministry of  
Education  
Government of India



MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
Ministry of Education, Government of India



## CERTIFICATE OF ESTABLISHMENT

This is to certify that

**Prabodhan Shikshan Prasarak, Ratnagiri**

has established an Institution's Innovation Council (IC202116151) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2021-22

  
Prof. Anil D. Sahasrabudhe  
Chairman  
AICTE

  
Dr. Abhay Jere  
Chief Innovation Officer  
Ministry of Education's Innovation Cell

  
Shri. Dipan Kumar Sahu  
Assistant Innovation Director  
Ministry of Education's Innovation Cell

Certificate No: 5711

Aishe Code: C-34110

Date: 27-12-2021



## Certificate of Registration

This Certificate certify that the Quality Management System of

### P.S.P.'s INDIRA INSTITUTE OF PHARMACY, SADAVALI

Sadavali, Devrukh, Tal. Sangameshwar, Dist. Ratnagiri,  
Maharashtra - 415804, India.

has been audited by ICV and found to be  
in compliance with the requirements of the standard

## ISO 9001: 2015

This certificate is valid for  
the following scope

Imparting B. Pharm and D. Pharm Program's.

Certificate No : IN/49814195/5214  
Initial Registration Date : 21/03/2022  
Certificate Issue Date : 21/03/2022  
Certification Expiry/Re Certification Date : 20/03/2025



CEO

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• This Certificate is intellectual Property of ICV and Certificate should be returned to ICV in case of non compliance of certification procedure. Authenticity of this certificate can be verified at [www.icvassessments.com](http://www.icvassessments.com)

### VISION

To be a prime source of pharmaceutical education in Konkan region for developing globally competent and professional Pharmacists.

### MISSION

1. To imbibe scientific and technical knowledge with ethical values to our students.
2. To impart personality development skills to the students.
3. To encourage and support faculty as par with the recent trends in Pharma profession.
4. To contribute to the national health care system by providing competent Pharmacists.

### IN THIS ISSUE

- Activities @ IIP
- Staff achievements
- Students achievements
- Publications

We are happy to share our ISO 9001:2015 certification

### Editor's Message

It gives me an privilege to presenting you the fourth volume of college bulletin "Footprints of IIPians" creative edge by the students. It is a amazing experience! Similarly, when things move in perfect coordination with each other, it is bound to create harmony. I extremely feel proud & honored to be a part of this amazing creation. I extend my sincere appreciation to editorial team for their contribution.

Mr. Vipul A. Sansare (Asst. Professor of Pharmaceutics)

# Activities @IIP

Training and placement Cell and IQAC of IIP has organized guest lecture for Third and final year student on topic "Career opportunities after graduation" on 6th April, 2022. Mr. Mohan G Gosavi, Training & Placement Officer, RMCET, Ambav was invited as guest speaker.



Special residential camp of NSS has been successfully organized in first week of March 2022 at adopted village Patgoan, Devrukh.



Department of Pharmacognosy and IQAC of IIP has organized one-day seminar on the topic "Economical potential of herbal drugs" on 25th March 2022. Dr. Vinod Dhawal (M.D.-Medicine) was the resource person for the seminar.

CWDC of IIP conducted seven days self defense program for girl volunteers



NSS Unit of IIP organized blood group detection camp at Soljai Temple, Devrukh

CWDC of IIP celebrated "International Women's Day" on 10th March 2022



Guest: Dr. Sharon S. Sonawane  
(THO Sangameshwar)

# Activities @IIP

- On 18th and 19th June, 2022 Indira Institute of Pharmacy, Sadavali has organized placement drive for post of Medical coder at Kolhapur for MD Consultancy solution Pvt. Ltd., Kharadi.
- As a part of the curriculum, 42 students of T. Y. B. Pharmacy of Indira Institute of Pharmacy, Sadavali have undertaken an Industrial tour to expose themselves to the latest developments in the field of Industry. They have visited to Industry Supreme Pharmaceuticals Mysore Pvt. Ltd., Mysore



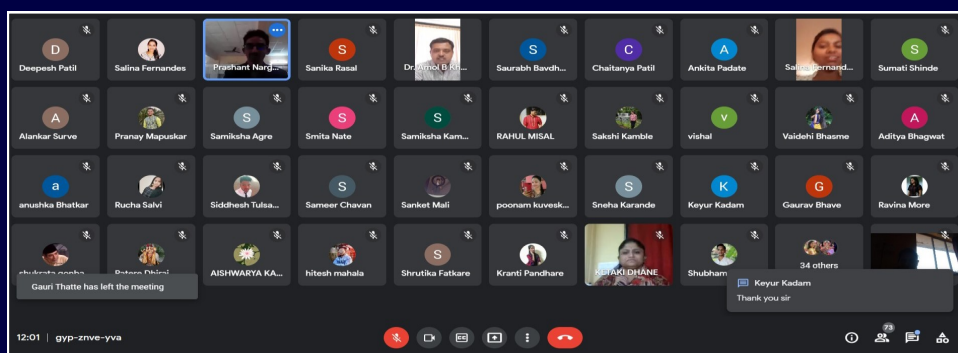
University of Mumbai, Local Inquiry Committee (LIC) had visited our Institute on 15th July 2022, for continuation of affiliation for the B.Pharm program. Dr. Deenanath Jhade (Principal, St. Wilfreds Institute of Pharmacy, Panvel), Dr. Kisan Jadhav (Professor, BVCOP, Belapur) and Dr. Rajkumar Dube, Professor, Dr. L. H. Hiranandani College of Pharmacy, Ulhasnagar were the members of the committee.



Successfully signed MOU with CiREE Pro for skill development and placement activities



Annual magazine of IIP 'LAKSHYA 2K22' has been released.



CWDC of IIP organized seminar on the topic 'Gender equality'.

# Activities @IIP

## In campus placement



Ms. Shivani Uday Hatiskar  
Fourth Y. B. Pharm



Ms. Prachita rajesh Sute  
Fourth Y. B. Pharm



Mr. Nainesh Santosh Surve  
Fourth Y. B. Pharm



Ms. Lata Bahulaji Raika  
S. Y. D. Pharm



Mr. Parth Nitin Shetye  
S. Y. D. Pharm



Mr. Dipesh Pralhad Pandit  
B. Pharm (Passout 2021)



Mr. Tushar Suman Mane  
Fourth Y. B. Pharm



Ms. Ruta Sudesh Prasade  
B. Pharm (Passout 2021)



MS. Ravina Rajesh More  
Fourth Y. B. Pharm



Ms. Neha Nivrutti Gurav  
B. Pharm (Passout 2021)



Mr. Vivek Krishna Nagane  
Fourth Y. B. Pharm



Mr. Rushikesh Santosh Sansare  
Fourth Y. B. Pharm

Synapse

ZyduS Cadila

Genericart

BioRadius



Glimpses of Annual Day  
'UDDAN 2k22'.

Chief guest: Dr. Mohan Kale  
(Principal, KGRDCP, Karjat)

Celebration of  
'International Yoga Day'



Sport events  
under  
'UDAAN 2K22'



IIP Institute Innovation Council  
successfully conducted a seminar on  
"Earth and Earth Affinity Planet  
Search" on 3rd March 2022.

# KUDOS to JJP

Our faculty Mr. Sujit K. Nagare have executed training for Adler Officials and clean room incharge personals.



## औषधांचा तज्ज्ञ - फार्मासिस्टचे असाधारण महत्त्व

औषधे बनवण्याचे काम हे फार्मासिस्टद्वारे केले जाते. रुग्णाच्या रोगाचे निदान करण्याचे काम हे डॉक्टरांचे असते तर या रोगावर इलाज करणारी औषधे त्यावर करण्यापासून ती रुग्णांपर्यंत पोहोचवण्याचे काम मात्र फार्मासिस्टचं बनतात. रोग निदान केल्यानंतर त्यावर कोणते औषध उपयुगी आहे, हे डॉक्टरांनी सांगितल्यावर ते औषध योग्यप्रकारे घेतलेच नाही, तर ते लागू होत नाही. उलट त्याचा विपरित परिणाम आपल्या शरीरावर होऊ शकतो. बऱ्याप्रकारेला डॉक्टरांकडे असलेल्या मदीमूले व डॉक्टरांशी कसे घेतले, या भीतीपोटी औषधांबद्दलची सर्व माहिती रुग्णास घेणे कठीण जाते. परंतु, जेव्हा रुग्ण फार्मासिस्टकडे औषधे घेण्यास जातो, तेव्हा फार्मासिस्टकडे औषधे वेळ वेळाने घेण्याबद्दलचे समुपदेशन केले जाते. औषधनिर्मिती म्हणजेच फार्मासी हे एक वैद्यकीय क्षेत्रातील महत्त्वपूर्ण तंत्रशास्त्रासुद्धा असे क्षेत्र आहे. औषध निर्माण/ विक्रीचा म्हणजेच फार्मासिस्ट हा १९६३ मध्ये ब्रिटिश फार्मास्युटिकल कॉन्फरन्समध्ये झालेल्या चर्चेनुसार, 'औषधांचा तज्ज्ञ' म्हणून ओळखला जाऊ लागला आहे. त्याची माहिती आपल्या प्रत्येकाला असली पाहिजे.



औषधशास्त्रीय संशोधन केंद्रात डॉ. सुजित के. नागरे

**विसृष्टिकम करण्यात फार्मासिस्टचा वाटा**  
 डॉ. सुजित के. नागरे यांनी ११ मार्च २०२२ रोजी 'सकल' नव्यापत्रात 'औषधांचा तज्ज्ञ - फार्मासिस्टचे असाधारण महत्त्व' या लेखात 'औषधांचा तज्ज्ञ' म्हणून फार्मासिस्टांचे महत्त्व उघड केले आहे. लेखात फार्मासिस्टांचे औषधनिर्मिती, औषध वितरण, औषध विकासातून ते औषध रुग्णांपर्यंत पोहोचवण्याचे काम हे फार्मासिस्टांचे असल्याचे उघड केले आहे.

फार्मासिस्टांचे महत्त्व उघड करणे हे U.S. & S.

सकल नव्यापत्रात प्रकाशित झालेल्या लेखाचा पृष्ठ २००२

Dr. A. B. Khade published invited article on 'Importance of pharmacy profession in healthcare' in 'Sakal' Newspaper.

Principal Dr. Amol B. Khade and APTI college coordinator Mr. Sujit K. Nagare attended the meeting of APTI college coordinators at D.Y. Patil School of Pharmacy Navi Mumbai on 19/03/2022. The event was graced by Prof. Dr. Sohan Chitlange, Principal of D.Y. Patil School of Pharmaceutical Sciences and Research, Pimpri, Pune.



Institute innovation council of IIP has successfully completed session 1 of the impact lecture series. The impact lecture series is sponsored by the ministry of education, AICTE, and the ministry of HRD's IIC.

The first session of the impact lecture series was conducted on 18/06/2022. The Second session of the impact lecture series was conducted on 02/07/2022.



Indira Institute Of Pharmacy  
 Impact Lecture Series Session I  
 18.06.2022 10:08  
 17.09125, 73.60318  
 3JR3+F2P, Kōsūmb, Maharashtra 415804

## *Publications*

- Mr. Nikul Patel, Mr. Sujit Nagare and Mr. Prashant Gurav published book chapters entitled 'Impact of ethnobotany in drug development' in Edited book entitled Recent trends in life sciences.
- Mr. Vipul Sansare, Assistant Professor Pharmaceutics published book entitled 'Biopharmaceutics and Pharmacokinetics'. The book published by Technical publication, Pune.
- Mr. Prashant Gurav, Mr. Vipul Sansare and Mr. Sujit Nagare published research paper entitled 'Investigation on *in vitro* dissolution and tableting properties of etodolac steroyl polyoxyl 32 glycerides as novel solid melt carrier in Indian Journal of Pharmaceutical Education and Research (Scopus indexed).
- Mrs. K. S. Dhane and Mr. S. K. Nagare published review articles entitled 'Review on metabolic syndrome in International journal of Health Sciences (Scopus indexed).

## *Editorial Team*



**Mr. V. A. Sansare**  
Editor In-Chief



**Dr. A. B. Khade**  
Editorial Advisor



**Mr. P. B. Gurav**  
Editorial Advisor

### **Ufasomes: An novel phospholipid vesicles**

Ufasomes are vesicles enclosed by fatty acid obtained from long chain fatty acid by mechanical agitation of evaporated film in the presence of buffer solution. Fatty acid and their ionized species (soap) restricted to narrow pH range from 7- 9 included ufasome which as we all know, are fatty acid vesicle which are colloidal suspensions made up of closed lipid bi layers. Fatty acid vesicles contain non-ionic neutral and ionized form (the negatively charged soap) which are two type of amphiphiles, the fatty acid, which contain carboxyl group are in direct contact with H<sub>2</sub>O and the hydrocarbon, tails are directed towards the inferior membrane. Ufasomes are derived from unsaturated fatty acid such as linoleic acid, oleic acid etc. But later investigations shown that it can also formed from saturated fatty acid such as octanoic and decanoic acid. The formation of UFM was first put forward in 1973 by Gibicki and Hicks. The vesicle stability is determined by the ratio of non-ionized form, proper selection of fatty, amount of cholesterol, buffer pH range, amount of lipoxygenase and the presence of divalent cat ions are certain other criteria for the stability of ufasome (UFM) formulation. Phospholipids and the general components used in formulation of liposome, which are chemically heterogeneous even in their natural form and also the reasonable quantities of pure synthetic phospholipids are not available.

**Mr. Gaurav Bhave (Fourth Year B.Pharm)**

### **Demodectic Mange: An infectious disease**

*Demodectic Mange* is one of various skin illnesses that occur in animals as a result of mite and other bug infestations. Because the demodex mite only lives on one type of host, there is only one type of demodex mite. *Demodex canis* lives in dogs, while *Demodex cati* resides in cats. This mite has eight teeth and is shaped like a cigar under the microscope. Mite infestation results in skin irritation and hair loss. The mites are incredibly contagious, and they can infect both humans and animals. The mites are very contagious and can spread quickly. *Demodectic mange* is most commonly caused by a dog's undeveloped immune system, which allows the number of skin lesions to increase. The immune systems of adult dogs with the condition are frequently impaired. Because the immune system's effectiveness frequently weakens with age, *demodectic mange* can arise in elderly dogs. Dogs with a weaker immune system as a result of disease or certain drugs are also at risk.

**Mr. Keyur Kadam (Third Year B.Pharm)**