



# DECLARATION

Form I (Vide Rule 3)

Title : Spandan  
Language : Marathi, Hindi, English  
Publisher : Dr. Charushila J. Bhangale (Principal)  
Publisher's Address : Pravara Rural Education Society  
College of Pharmacy (For Women),  
Chincholi, Tal: Sinnar, Dist: Nashik 422102  
Editor : Dr. Sachin B. Somwanshi  
Dr. Kiran B. Kotade  
Nationality : Indian  
Editor's Address : PRES's, College of Pharmacy (For Women),  
Chincholi, Tal: Sinnar, Dist: Nashik 422102

I, Dr. Charushila J. Bhangale, Principal, declare that particulars given above are true to the best of my knowledge and belief. The views expressed by the authors are their own contributions and the editorial board is in no way responsible for the same.

(For Private Circulation Only)

Dr. Charushila J. Bhangale

Principal



## Vision

**To emerge as the most preferred pharmacy educational institute with global recognition and developing competent and socially sensitive pharmacists committed to healthcare needs of society.**

## Mission

**To develop students as global citizen with conscience, commitment and dedication.**

**To create world class facilities and ambience for advanced level of teaching, research and practical training.**

**To recruit and retain highly motivated and qualified faculty to promote the cause of teaching and learning.**



## Program Objectives (POs)

The Program Outcomes of Bachelor in Pharmacy course are:

- 1. Pharmacy Knowledge:** An ability to acquire, demonstrate, core and basic knowledge of Pharmaceutical and Life Sciences
- 2. Planning Abilities:** An ability to develop, implement, effectively plan and organize work using time management, resource management, delegation skills and organizational skills to achieve goals in specified timeline.
- 3. Problem Analysis:** An ability to identify, analyze, interpret data and take appropriate decision to solve problems related to routine Pharmacy Practices by applying acquired knowledge.
- 4. Modern Tool Usage:** An ability to understand, choose and utilize Modern techniques and computing tools for Pharmacy practices by considering constraints.
- 5. Leadership Skills:** An understanding of pharmaceutical management principles and apply these to one's own work, as a member and leader in a team, to manage projects to facilitate improvement in social health and well being.
- 6. Professional Identity:** An ability to recognize, analyze and communicate Pharmacy professional values as a healthcare promoter.
- 7. Pharmaceutical Ethics:** An ability to understand and use professional, ethical, legal, social issues and responsibilities for well being of the society.
- 8. Communication:** An ability to comprehend, write reports, present and document to communicate effectively for exchange of professional information to Pharmacy community and society.
- 9. The Pharmacist and Society:** An ability to overcome the societal, health and legal problems by providing better pharmaceutical care relevant to the Pharmacy profession.
- 10. Environment and Sustainability:** An ability to recognize the impact of the professional Pharmaceutical solutions in social and environmental circumstances for sustainable development.
- 11. Life-Long Learning:** An ability to recognize the need to engage in continuous Professional development by taking in consideration timely feedback and technological changes for life long learning process.

## Program Specific Outcomes (PSO)

### Pharmacy Students are able to:

**PSO 1:** To build graduate to excel in technical or professional careers in various pharmaceutical industry and/ or institute and /or Health care system through rigorous education. Also analyze and communicate the skills, values of their professional roles in society.

**PSO 2:** To learn, select, apply appropriate methods, procedures, resources and modern pharmacy-related computing tools with an understanding of the limitations.

**PSO 3:** To operate, control, analyze and evaluate chemical substances and finished products also processes within permissible limits.

**PSO 4:** To design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, sustainability social, ethical, health, safety and manufacturability for humans.

# PHARMACIST'S OATH

I swear by the code of ethics of Pharmacy Council of India, in relation to the community and shall act as an integral part of health care team.

I shall uphold the laws and standards governing my profession.

I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.

I shall follow the system which I consider best for Pharmaceutical care and counseling of patients.

I shall endeavor to discover and manufacture drugs of quality to alleviate sufferings of humanity.

I shall hold in confidence the knowledge gained about the patients in connection with my professional practice and never divulge unless compelled to do so by the law.

I shall associate with organizations having their objectives for betterment of the profession of Pharmacy and make contribution to carry out the work of those organizations.

While I continue to keep this oath unviolated, may it be granted to me to enjoy life and the practice of pharmacy respected by all, at all times!

Should I trespass and violate this oath, may the reverse be my lot!





PRAVARA RURAL EDUCATION SOCIETY  
**COLLEGE OF PHARMACY (FOR WOMEN)**

**MAGAZINE COMMITTEE**

<b>Editorial Board</b>	
Dr. Sachin B. Somwanshi	Dr. Kiran B. Kotade
<b>Student Coordinators</b>	
Ms. Yogita Sangale	Ms. Ankita Shinde
<b>Magazine Support Committee</b>	
<b>Staff Members</b>	
Mr. Vivekanand A. Kashid (Marathi Section)	Mr. Kiran B. Dhamak (English Section)
Mrs. Vinayak M. Gaware (Hindi Section)	
<b>Students</b>	
Ms. Yogita Kadre	Ms. Aditi Kakade
Ms. Rutuja Avhad	Ms. Sayali Labade
Ms. Disha Handore	

## STUDENTS COUNCIL: 2020-2021

Sr. No	Name of Students	Elected Post
1.	Ms. Sakshi Govardhane	President, B. Pharm Final Year
2.	Ms. Ruchika Ambekar	General Secretary, B. Pharm Third Year
3.	Ms. Gayetri Satpute	Sport Secretary, B. Pharm Third Year
4.	Ms. Vruksha Raut	Cultural Secretary, B. Pharm Third Year
5.	Ms. Komal Kale	Academic Student Coordinator B. Pharm Final Year
6.	Ms. Rutuja Avhad	Girls Representative B. Pharm Third Year
7.	Ms. Shrutika Gaukwad	NSS Representative B. Pharm Third Year
8.	Ms. Rutuja Darunte	Class Representative, B. Pharm First Year
9.	Ms. Ankita Shinde	Class Representative, B. Pharm Second Year
10.	Ms. Gayatri Satpute	Class Representative, B. Pharm Third Year
11.	Ms. Sakshi Govardhane	Class Representative, B. Pharm Final Year

**Our Founder**



**Padmashri Dr. Vitthalrao Vikhe Patil**

**(1901-1980)**

**Our Inspiration**



**Padmabhushan Dr. Balasaheb Vikhe Patil**

(1932-2016)

*Chairman's Message*



**Hon'ble Shri Radhakrishna E. Vikhe Patil**  
Member of Maharashtra Legislative Assembly  
Chairman,  
Pravara Rural Education Society, Loni

Pravara Rural Education Society was established by the Pioneer of Cooperative Society in Asia, Padmashree Dr. Vithalrao Vikhe Patil in 1964, with the aim of bringing quality in the lives of rural people through education. He fiercely advocated Women Empowerment in those days and the education society upholds his values and beliefs even today.

Over the past five decades, the education society has set up 102 institutions imparting quality education ranging from KG to Ph.D under the exemplary vision of Padmabhushan Awardee Late Dr. Balasaheb Vikhe Patil.

I extend my heartiest compliments to the College of Pharmacy (For Women), Chincholi, Nashik for their college magazine "SPANDAN 2021" which is being published soon.

"SPANDAN" will be a source of inspiration for the budding pharmacist and writers among students. It will renovate their creativeness to new extent of mature expressions. This magazine will also be able to provide information regarding the advancement being made by the leading and distinctive organization made the field of Pharmacy Education.

I congratulate the Principal Dr. Charushila J. Bhangale and all teaching and non teaching faculties for their insistent efforts in the release of "SPANDAN 2021."

**Shri Radhakrishna E. Vikhe Patil**  
**Chairman**

*Principal Desk*



**Dr. Charushila J. Bhangale**

**Principal, College of Pharmacy (For Women), Chincholi, Nashik**

I am glad that the magazine 'SPANDAN 2021' is being released by the combine efforts of the Staff and Students of Pravara Rural Education Society, College of Pharmacy (For Women), Chincholi, Nashik. I am sure that it will provide an opportunity for both faculty and students to explore their hidden talent in literacy, arts, crafts and other extracurricular will come out though this magazine. It is against this background that the contributors' viz. teachers and students of B. Pharm, and M. Pharm may focus on these important topics and bring a quality Magazine.

I would like to accord my thanks and acknowledgement to our Chairman Hon'ble Shri Radhakrishna Vikhe Patil; Hon'ble Mrs. Sushmita Mane, CEO, PRES, Loni; Hon'ble Shri Bharat Ghogare, Joint Secretary, PRES, Loni for their constant encouragement and support they are rendering. I take the opportunity to appreciate and congratulate the Editorial Committee Dr. S. B. Somwanshi & his team for their efforts in bringing out the Magazine in a beautiful manner.

I extend my good wishes for the successful publication of this magazine.  
With Warm Wishes....

**.....Dr. Charushila J. Bhangale**

*Message from Editors*



Dear Readers,

*“The medals don't mean anything and the glory doesn't last. It's all about your happiness. The rewards are going to come, but your happiness must be in just loving the sport and having fun performing-Jackie Joyner-Kersey.”*

While handling over this beautiful piece of creation to all readers, our feelings are not different than what above quote means. This task was indeed not an easy one but everyone's contribution and efforts made it possible. Our heartfelt gratitude goes to each one of them.

First and foremost, we are immensely thankful to our chairman, Hon'ble Shri. Radhakrishna E. Vikhe Patil, for being a pillar of strength by our side. We are simply running out of the words to thank enough to Hon'ble Mrs. Sushmita Mane, CEO, PRES, Loni; Hon'ble Shri Bharat Ghogare, Joint Secretary, PRES, Loni and Dr. Charushila J. Bhangale, Principal for showing belief in us to shoulder this huge responsibility. We hope that our team has lived upto the expectations and we become successful in creating this masterpiece.

We tried to incorporate every little thread of the success story of this institute in this magazine.

It would have been impossible for us to carry out this task without contribution of our student representatives and all other student magazine committee members.

We also thanks to all staff members from the magazine support committee. May this affectionate bond shall keep us together forever.

Wish you happy reading.

**...Dr. Sachin B. Somwanshi & Dr. Kiran B. Kotade**

### GOVERNING BODY

Sr. No.	Name and Address	Nomination	Designation
1.	Hon'ble Shri. Radhakrishna Eknathrao Vikhe Patil, Trustee, Pravara Rural Education Society	Nominee of Pravara Rural Education Society	Chairman
2.	Hon'ble Shri. Annasaheb Sarangdhar Mhaske Patil., Member of Pravara Rural Education Society	Nominee of Pravara Rural Education Society	Member
3.	Hon'ble Shri. Banshi Balu Tambe Patil Member of Pravara Rural Education Society	Nominee of Pravara Rural Education Society	Member
4.	Dr. Ramesh Unnikrishnan	Nominee of W.R.O., A.I.C.T.E., Mumbai	Ex. Officio Member
5.	Prof. Dyandeo Pundlikrao Nathe Assistant Director, Director of Technical Education, Regional office, Nashik	Nominee of Govt. Of Maharashtra	Ex. Officio Member
6.	Shri. Narendra Hegde, Industrialist	Nominee of Industrialist/Technologist/Educationalist	Member
7.	Mr.Santosh Mutkule Industrialist	Nominee of Industrialist/Technologist/Educationalist	Member
8.	Dr. D. V. Derle Educationalist	Nominee of Industrialist/Technologist/Educationalist	Member
9.	Prof. Dr. Pratima Tatke,	Nominee of University	Member
10.	Prof. Dr. K.T.V. Reddy, Director Technical , PRES, Loni	Nominee of Pravara Rural Education Society	Member
11.	Mr. B. V. Ghogare,	Joint Secretary, Pravara Rural Education Society, Pravaranagar.	Member
12.	Mr. V. A. Kashid	Nominee of the Faculty Member	Member
13.	Dr. S. B. Somwanshi	Nominee of the Faculty Member	Member
14.	Mrs. C. J. Bhangale	Principal	Member Secretary

## COLLEGE DEVELOPMENT COMMITTEE

महाराष्ट्रसार्वजनिक विद्यापीठ अधिनियम २०१६- नियम-९७(१) अन्वये प्रत्येक महाविद्यालयामध्ये स्थापन करावयाचा "महाविद्यालय विकास समिती" -

क)	व्यवस्थापनाचाअध्यक्ष किंवा त्यांची नामनिर्देशित व्यक्ती- पदसिध्दअध्यक्ष	१.	मा. नामदार श्री. राधाकृष्ण विखे पाटील - अध्यक्ष
ख)	व्यवस्थापनाचा सचिव किंवा त्यांची नामनिर्देशित व्यक्ती	२.	मा . भारत वसंतराव घोर्गे
ग)	प्राचार्यकिंवापरिसंस्था प्रमुखाद्वारे नामनिर्देशित करावयाचा एक विभाग प्रमुख	३.	श्री . विवेकानंद अंकूशराव काशिद
घ)	पूर्णकालिक मान्यताप्राप्त अध्यापकांनी त्यांच्यामधूननिवडून दिलेले महाविद्यालयातील किंवा मान्यताप्राप्त परिसंस्थेतील तीन अध्यापक, यापैकी किमान एक महिला असेल.	४.	श्री . सचिन वाळकृष्ण सोमवंशी
		५.	श्री . विनायक मधूकर गवारे
		६..	श्रीम . वंदना प्रशांत आहेर
ड)	नियमित अध्यापकेतरकर्मचारी वर्ग यांनी त्यांच्यामधून निवडून दिलेला एक अध्यापकेतर कर्मचारी.	७.	श्रीम . रूपाली किरण थेटे
च)	व्यवस्थापनाने प्राचार्यांशी विचार विनिमय करून, शिक्षण, उद्योग, संशोधन आणि समाजसेवा या क्षेत्रातून नामनिर्देशित केलेले चार स्थानिक सदस्य, यांपैकी किमान एक जण हा माजी विद्यार्थी असेल.	८.	मा . श्री . अण्णासाहेब म्हसके पाटील
		९.	मा . श्री . वन्सी वाळू तांबे पाटील
		१०.	मा . प्रा . डॉ . केटीव्ही रेड्डी
		११.	कु . झेवा मुल्ला
छ)	समन्वयकमहाविद्यालय अंतर्गत गुणवत्ता हमी समिती	१२.	कावेरी तुळशिराम वडितके
ज)	महाविद्यालय विद्यार्थी परिषदेचे सभापती व सचिव	१३.	कु . ऋतुजा नालकर
		१४..	कु . आरती आव्हाड
झ)	महाविद्यालयाचा प्राचार्य किंवा परिसंस्थेचा प्रमुख, सदस्य - सचिव	१५.	डॉ . चारुशिला जयंत भंगाळे

## INTERNAL QUALITY ASSURANCE CELL (IQAC)

Chairperson	Dr. Charushila Bhangale
Administrative members	Hon'ble Dr. Haribhau Aher
Six Teachers	<ol style="list-style-type: none"> <li>1. Dr. Sachin B.Somwanshi</li> <li>2. Dr. Kiran B. Kotade</li> <li>3. Mr. Kiran B. Dhamak</li> <li>4. Dr. Anagha V. Baviskar</li> <li>5. Mr. Vinayak M. Gaware</li> <li>6. Mr. Vivekanand A.Kashid</li> </ol>
Management Representative	Hon'ble Shri Bharat Ghogare
Local Society	Hon'ble Shri Bansi Balu Tambe Patil
Eminent Alumni	Rohini Balkrishna Somwanshi Pharmacist (RBSK), Rural Hospital Dindori
Student	Miss. Sakshi Balu Govardhane
Nominees from Industry	<ol style="list-style-type: none"> <li>1.Mr. Narendra Hedge Managing Director, N.V. Pharma, Sinnar</li> <li>2. Mr. Santosh Mutkule Managing Director ,Sanprass Healthcare ,Sinnar</li> </ol>
Parents	Mr. Rajendra Ramesh Handore
IQAC Coordinator	Dr. Ramdas Tukaram Dolas
Non Teaching Member	Mr. Sunil Magar

**INDEX**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Page No.</b>
1	Important Contact Numbers	1
2	Teaching Staff Information	2
3	Academic Result	3
4	Grants Received	4
5	Publication	5
6	Seminars & Conferences Attended	6
7	Technical Event Conducted	7
8	Guest Lectures	8
9	Training & Placement	9
10	Scientific Article	12
11	Marathi Section	22
12	Hindi Section	29
13	English Section	31
14	Student Gallery	34
15	Academic Rankers	40
16	Achievements/ Honours	42
17	Other Activities Conducted	48
18	College Resources Available	75
19	Other Facilities	77
20	Advertisements	79
21	News Reported	82

### IMPORTANT CONTACT NUMBERS

Section	Name	Contact Number
Principal	Dr. C. J. Bhangale	9011140176
Office Superintendent	Mr. S. B. Magar	9657250353
Accountant	Mr. S. A. Sambare	9822869490
Student Welfare Department	Prof. S. N. Bhandare	9623981019
Information Officer	Prof. V. A. Kashid	9922428214
Anti-ragging Committee	Prof. K. B. Dhamak	9623267010
Internal Complaint Committee	Prof. S. N. Bhandare	9623981019
Training and Placement	Prof. V. D. Kunde	9975137273
Academic Incharge	Prof. K. B. Dhamak	9623267010
Start up and Innovation Cell	Dr. R. T. Dolas	9657720340
Academic Research Coordinator	Dr. S. B. Somwanshi	9975101498
Class Teachers	F. Y. B. Pharm (Prof. K. T. Vaditake)	7588604335
	S. Y. B. Pharm (Dr. S. B. Somwanshi)	9975101498
	T. Y. B. Pharm (Prof. S. N. Bhandari)	9623981019
	Final Y. B. Pharm (Prof. S. G. Laware)	9404289351
Library Incharge	Mrs. S. S. Waluj	9922709431
Sports Incharge	Prof. V. M. Gaware	9423572791
Exam Incharge	Dr. S. B. Somwanshi	9975101498
	Dr. K. B. Kotade	9422935587
Head of Department	Pharmaceutics Dr. V. A. Kashid	9922428214
	Pharmaceutical Chemistry Prof. K. B. Dhamak	9623267010
	Pharmacology Dr. K. B. Kotade	9422935587
	Pharmacognosy Prof. S. G. Laware	9404289351
NPW Coordinator	Dr. R. T. Dolas	9657720340
NSS Programme Officer	Prof. K. T. Vaditake	7588604335
Alumni Association & Extracurricular Activity	Dr. A. V. Baviskar	9422775055

## TEACHING STAFF INFORMATION

Sr. No	Name	Designation & Department	Experience	Mobile	Email ID
<b>Principal</b>					
1	Dr. C. J. Bhangale	Principal	14	9011140176	charushila.bhangale@pravara.in
<b>Department of Pharmaceutics</b>					
2	Dr. V. A. Kashid	Asst. Professor	14	9922428214	vivekanand.kashid@pravara.in
3	Dr. R. T. Dolas	Asst. Professor	14	9657720340	ramdas.dolas@pravara.in
4	Dr. S. B. Somwanshi	Asst. Professor	12	9975101498	sachin.somwanshi@pravara.in
5	Dr. A. V. Baviskar	Asst. Professor	12	9422775055	anagha.baviskar@pravara.in
6	Mr. V. D. Kunde	Asst. Professor	7	7719842111	vikas.kunde@pravara.in
<b>Department of Pharmaceutical Chemistry</b>					
7	Mr. K. B. Dhamak	Asst. Professor	12	9623267010	kiran.dhamak@pravara.in
8	Mr. V. M. Gaware	Asst. Professor	11	9423572791	vinayak.gaware@pravara.in
9	Ms. K. T. Vaditake	Asst. Professor	7	7588604335	kaveri.vaditake@pravara.in
10	Mr. V. M. Dhamak	Asst. Professor	6	7588169491	vikrant.dhamak@pravara.in
11	Mr. R. D. Khaire	Asst. Professor	5	9561476817	rahul.khaire@pravara.in
<b>Department of Pharmacognosy</b>					
12	Mr. S. G. Laware	Asst. Professor	7	9404289351	sandip.laware@pravara.in
13	Mrs. R. M. Sharma	Asst. Professor	6	9096800514	roma.sharma@pravara.in
<b>Department of Pharmacology</b>					
14	Dr. K. B. Kotade	Asst. Professor	13	9422935587	kiran.kotade@pravara.in
15	Mrs. S. N. Bhandare	Asst. Professor	7	9623981019	sangita.bhandare@pravara.in
16	Mr. M. T. Gaikar	Asst. Professor	5	9096116364	mayur.gaikar@pravara.in

## ACADEMIC RESULTS 2019-20

<b>B. Pharm &amp; M. Pharm</b>			
<b>(Name of the Student with Percentage/CGPA)</b>			
F.Y. B. Pharm	1 <sup>st</sup> Rank	Dehraj Annie	8.571
	2 <sup>nd</sup> Rank	Darade Madhuri Sanjay	8.536
	3 <sup>rd</sup> Rank	Taru Aishwarya Sandip	8.268
S.Y.B. Pharm	1 <sup>st</sup> Rank	Kale Shilpa Arun	8.488
	2 <sup>nd</sup> Rank	Jadhav Shraddha Gorakh	8.363
	3 <sup>rd</sup> Rank	Chavan Ambika Jaywant	8.3335
T.Y.B. Pharm	1 <sup>st</sup> Rank	Kale Komal Namdeo	8.47
	2 <sup>nd</sup> Rank	Kangane Namrata Sudam	8.26
	3 <sup>rd</sup> Rank	Shinde Pratibha Sanjay	8.08
Final Y. B. Pharm	1 <sup>st</sup> Rank	Raundal Sonal Ramesh	8.064
	2 <sup>nd</sup> Rank	Gorhe Trupti Kishor	7.97
	3 <sup>rd</sup> Rank	Sandhyanshe Karishma S.	7.953
M. Pharm (QA)	1 <sup>st</sup> Rank	Bhamare Vaishali Balvant	8.57

## Average Result

<b>Academic year</b>	<b>Class</b>	<b>Percentage result</b>
2019-20	F. Y. B. Pharm	98 %
	S. Y. B. Pharm	100 %
	T. Y. B. Pharm	100%
	Final Y. B. Pharm	100 %
	F. Y. M. Pharm	100 %
	S. Y. M. Pharm	87 %

**GRANT RECEIVED: 2020-2021**

Sr. No	Details of Grant	Funding Agency	Amount of Grant
1	NSS	SPPU	25250
2	Student Welfare	SPPU	10000
Amount Received			35200

## PUBLICATION: 2020-2021

Sr. No	Name of the staff	No. of Papers published in International journals	No. of Papers published in National journals
1.	Dr. C. J. Bhangale	5	0
2.	Dr. V. A. Kashid	1	1
3.	Dr. R. T. Dolas	3	1
4.	Dr. K. B. Kotade	1	0
5.	Dr. S. B. Somwanshi	4	1
6.	Dr. A. V. Baviskar	1	0
7.	Mr. K. B. Dhamak	1	0
8.	Mr. V. M. Gaware	2	0
9.	Mrs. S. N. Bhandare	1	0
10.	Mrs. K. T. Vaditake	1	0
11.	Mr. M.T. Gaikar	1	0
12.	Mrs. Roma Sharma	1	1
Total		22	1

## SEMINAR/ WORKSHOP/ CONFERENCE ATTENDED: 2020-21

Sr. No	Name of Faculty	FDP	NPTTEL/ ATAL/ STTP	Workshop/ Seminar/ Webinar/ Conference	Posters/ Papers Published Seminar/ Conference	Total
1.	Dr. C. J. Bhangale	3	6	6	1	16
2.	Dr. V. A. Kashid	2	-	5	-	7
3.	Dr. R. T. Dolas	1	3	2	-	6
4.	Dr. K. B. Kotade	2	1	13	-	16
5.	Dr. S. B. Somwanshi	6	4	16	2	28
6.	Dr. A. V. Baviskar	3	2	4	-	9
7.	Mr. K. B. Dhamak	2	-	4	-	6
8.	Mr. V. M. Gaware	0	-	4	-	4
9.	Mr. V. D. Kunde	1	-	3	-	4
10.	Mrs. S. N. Bhandare	4	-	6	-	10
11.	Mrs. K. T. Vaditake	4	2	7	1	14
12.	Mr. V.M. Dhamak	1	-	2	-	3
13.	Mr. S.G. Laware	1	1	3	-	5
14.	Mr. M.T. Gaikar	1	-	4	-	5
15.	Mr. R. D. Khaire	1	-	3	-	4
16.	Mrs. Roma Sharma	4	1	8	-	13
Total						150

## WEBINARS/ WORKSHOPS ORGANIZED 2020-2021

Sr. No	Date	Class	Name of Lecturer	Topic covered
1.	12/06/2020	B. Pharm and M. Pharm	In association with Clini India	Webinar on Scope of Clinical Research and associated Domains in association with Clini India
2.	13/06/2020	B. Pharm and M. Pharm	In association with Pharma Elite	Live webinar on "strategy for GPAT and NIPER preparation"
3.	17/09/2020	B. Pharm and M. Pharm	Dr. Hetal Patel, Malliba Pharmacy College, Surat	National level webinar on Demonstration of Minitab and design Expert software
4.	08/09/2020	B. Pharm and M. Pharm	in association with Anchrom, Mumbai	Webinar on HPTLC: Technique and Pharma application
5.	23/09/2020	B. Pharm and M. Pharm	Mr. Rakesh Buge	Webinar on Career in competitive exam for graduate students
6.	09/10/2020	B. Pharm and M. Pharm	Mrs. Gayatri	Webinar on Career Trends in Clinical Research and Clinical Data Analytics
7.	19/10/2020	B. Pharm and M. Pharm	Dr. Nilofer Sayyad, Director, Rehoboth Health Solution, Mumbai	Webinar on "Tips of Manuscript Writing"
8.	04/01/2021 to 07/01/2021	B. Pharm and M. Pharm	In association with KITE-Ai Technologies, Pune	Workshop on Clinical Trials and Data analytics
9.	28/01/2021 to 06/02/2021	Final Year B. Pharm	In association with Rubicon Training, Pune	Career and employability skill enhancement programme
10.	05/05/2021	B. Pharm and M. Pharm	In association with CLINI INDIA, Pune	Importance of Profession Ready Training And Placement Program

## GUEST LECTURES 2020-2021

Sr. No	Name	Class	Date	Topic covered
1.	Ms Shweta Pagar, IQAC Department, RAN Q Remedies PVT LTD., Sinnar	B. Pharm Vth Sem	07/07/2020	Opportunities for B. Pharm Students in Production Area
2.	Ms. Jignasha Mhatre,	B. Pharm	09/07/2020	Preparation of GPAT
3.	Ms. Suvarna Gite,	B. Pharm	09/07/2020	Opportunities in R&D department
4.	Ms. Manisha Bhadange, Health Officer, Department of Pharmacy, Dubai	B. Pharm	13/07/2020	Opportunities for B. Pharm Students in Foreign
5.	Ms Ashvini Avhad, Assistant Manager, RA, Abott Healthcare, Mumbai	B. Pharm	25/07/2020	Carrier insights on Drug Regulatory Affairs
6.	Ms. Shital Patil,, Assistant Professor, MGVS, College of Pharmacy, Panchavati	B. Pharm	27/07/2020	AMV Industrial Perspective
7.	Ms. Sharayu Jadhav, RJ, Akashvani Kendra, Nashik	B. Pharm	27/07/2020	Personality Development and Motivation through Different Theory
8.	Ms Dishanti Shah	B. Pharm Vth & VII Sem	12/08/2020	Opportunities for B. Pharm Students in Foreign
9.	Ms. Manisha Salvi	B. Pharm Vth & VII Sem	12/08/2020	Overview Session on Campus to Corporate
10.	Dr. Harun Patel	B. Pharm Vth & VII Sem	24/08/2020	GPAT 2021 Guidance Session in collaboration with MSGCOPER, Nashik
11.	Mr. Amol Gavande, CEO, Smartchem, Pune	B. Pharm	25/08/2020	Career opportunities in Pharma Industries
12.	Mrs. Vandana Barve-Aher, Founder and Director, Pacific Institute, Nashik	B. Pharm and M. Pharm	14/10/2020	Guest lecture on "How to select right career path after B. Pharmacy"

## TRAINING AND PLACEMENT CELL

The Placement Cell constantly keeps in touch with the Industry to ascertain the technology advancement and plans well in advance for bridging any gap in addition to what students learn in their curriculum. In order to keep pharmacy professionals acquainted with the latest development in the field of pharmacy, the institute conducts training programs from time to time for students as well as academic staff.

The students are provided the platform for developing interpersonal, technical and business skill so that they can face the global challenges of today and the future.

To boost up the confidence gained during studies in class room and laboratories, the third year students have to undergo industrial training of 4 weeks duration. This activity is organized by student Training and placement Cell. This center is responsible for liaison with industries for getting good placement for students by arranging campus interviews.

Teaching faculty are also undergoing one week industrial training for getting aquatinted with latest technologies and recent trends followed in industries.

### OUR RECRUITERS

## PLACEMENT: 2020-21

Sr. No.	Name of Student	Company
1	Ms. Pooja Dholi	Wintech Pharmaceuticals Ltd., Musalgaon, Sinnar
2	Ms. Sujata Agale	Patson MultitechPVT LTD., Sinnar
3	Ms. Rahana Khan	Sanpras Healthcare Pvt Ltd., Sinnar
4	Ms. Nisha Pagar	Triarq Healthcare Limited, Nashik
5	Ms. Kalyani Patil	Pelltech Healthcare Limited
6	Ms. Supriya Normal	Sangita Pharma, Sinnar
7	Ms. Navita Bhandari	Healthcare Representative, Malomatia Pvt., Ltd., Pune
8	Ms. Deepti Chaudhari	Safety Science Analysts, Covance by Labcorp, Mumbai
9	Ms. Priyanka Bote	NV Pharma, Sinnar
10	Ms. Tanuja Datar	Safety Science Analysts, Covance by Labcorp, Mumbai
11	Ms. Disha Bari	Safety Science Analysts, Covance by Labcorp, Mumbai

**MOU's: 2020-21**

<b>Sr. No</b>	<b>Name of the partnering Institution/ Industry/ Research Lab/ Corporate house with contact details</b>
1.	Kunde Dairy Farm ,Sinner
2.	IIT, Bombay
3.	RAP Analytical, Nashik.
4.	Sanprass Healthcare Sinner.
5.	Kite-Ai Technologies Pune
6.	Mediline Pharma, Sinner
7.	BausamIP Consultancy Pvt. Limited ,Mumbai
8.	Sandip Foundation Incubation Center ,Nashik
9.	Gupta Hospital, Shinde
10.	Yashwant Hospital, Sinnar



## SCIENTIFIC ARTICLE



**RECENT TRENDS IN DRUG DISCOVERY RESEARCH****Dr. Charushila J. Bhangale****Principal, Department of Pharmaceutical Chemistry****Introduction**

Driven by chemistry but increasingly guided by pharmacology and the clinical sciences, drug research has contributed more to the progress of medicine during the past century than any other scientific factor. The advent of molecular biology and, in particular, of genomic sciences is having a deep impact on drug discovery. The practice of the drug discovery process has been revolutionized with the involvement of some newer techniques. Target based drug design is more advantageous, time consuming and effective. With the use of High Throughput Screening (HTS) technique, a large number of compounds are screened for their biological activity with the discovered target, which are synthesized by combinatorial chemistry, these are called hits. Quantitative Structure Activity Relationships (QSAR) constitutes immense importance in discovering new drug candidate called analogues which shows high affinity with the target. Various advanced techniques and modern research disciplines such as genomics, proteomics, metabolomics, chemogenomics, and others improve the quality of the drug discovery process. The progress of Drug Discovery. In 1865, August Kekule formulated his pioneering theory on the structure of aromatic organic molecules. This benzene theory gave a decisive impulse to research on coal-tar derivatives, particularly dyes. In turn, the evolution of dye chemistry had a profound influence on medicine. The selective affinity of dyes for biological tissues led Paul Ehrlich (Fig. 1), a medical student in the laboratory of the anatomist Wilhelm Waldeyer (between 1872 and 1874) at the University of Strasbourg, to postulate the existence of "chemoreceptors." Ehrlich later argued that certain chemoreceptors on parasites, microorganisms, and cancer cells would be different from analogous structures in host tissues, and that these differences could be exploited therapeutically. It was the birth of chemotherapy, a particular type of drug therapy, that in the course of the 20th century led to unprecedented therapeutic triumphs. Analytical chemistry, in particular the isolation and purification of the active ingredients of medicinal plants, also demonstrated its value for medicine in the 19th century. In 1815, F. W. Serturmer isolated morphine from opium extract Papaverin was isolated in 1848, but its antispasmodic properties were not discovered until 1917. As active ingredients from plants became available, many pharmacies addressed the problem of providing standardized preparations of these often still impure drugs.

**Pharmaceutical Chemistry in Drug Discovery and Novel Drug Delivery System**

Drug discovery is the core of pharmaceutical chemistry. The drug discovery process includes all the stages of drug development, from targeting a disease or medical condition to toxicity studies in animals, or even, by some

definitions, testing the drug on human subjects. Typically, conditions that affect a larger percentage of the population receive more attention and more research funding. Antiulcer drugs and cholesterol - reducing agents are currently the therapeutic areas of greatest emphasis. To develop a drug to target a specific disease, researchers try to understand the biological mechanism responsible for that condition. If the biochemical pathways leading up to the diseases are understood, scientists attempt to design drugs that will block one or several of the steps of the disease's progress. Alternatively, drugs that boost the body's own defense mechanism may be appropriate. How do chemists "discover" drugs? Often there is an existing remedy for a condition, and scientists will evaluate how that drug exerts its actions. Once the drug's structure is known, the drug can serve as a prototype or "lead compound" for designing more effective therapeutic agents of similar chemical structure. Lead compounds are molecules that have some biological activity with respect to the condition under investigation. However, the lead compound may not be effective in combating the disease, or it may produce undesirable side effects. Lead optimization involves chemical modifications to the lead compound to produce a more potent drug, or one with fewer or decreased adverse effects. Computers have transformed the drug discovery process. Rational drug design involves computer-assisted approaches to designing molecules with desired chemical properties. Rational drug design is based on a molecular understanding of the interactions between the drug and its target in biological systems. Molecular modeling software depicts three-dimensional images of a chemical. Mathematical operations adjust the positions of the atoms in the molecule in an attempt to accurately portray the size and shape of the drug, and the location of any charged groups. Chemists can vary the atoms or groups within the model and predict the effect the transformation has on the molecular properties of the drug. In this way, new compounds can be designed. Advances in technology have made it possible for medicinal chemists to synthesize a vast number of compounds in a relatively short time, a process referred to as combinatorial chemistry. In this technique, one part of a molecule is maintained, as different chemical groups are attached to its molecular framework to produce a series of similar molecules with distinct structural variations. Combinatorial libraries of these molecular variants are thus created. Every chemical that is synthesized must be tested for biological activity. In vitro testing involves biological assays outside a living system. For example, if the desired effect of a drug is to inhibit a particular enzyme, the enzyme can be isolated from an organ and studied in a test tube. New technologies have made it possible to assay large numbers of compounds in a short period. High-throughput drug screening allows pharmaceutical chemists to test between 1,000 and 100,000 chemicals in a single day! A compound that demonstrates some biological activity will undergo further tests, or it may be chemically modified to enhance its activity. As a consequence, chemical libraries consisting of potentially therapeutic compounds

are developed. Each of these compounds can then serve as leads for the development of new drugs to be screened. Once a drug shows promise in vitro as a therapeutic agent, it must also be screened for toxic properties. Adverse drug side effects are often due to the interaction of the drug with biological molecules other than the desired target. It is very rare that a drug interacts with only one type of molecule in a living system. Drug selectivity refers to the ability of the compound to interact with its target, not with other proteins or enzymes in the system. To investigate drug toxicity, animal studies are performed. These studies also estimate mutagenicity, that is, whether the compound under investigation damages genetic material. Rarely does a drug pass through a biological system unchanged. Most drugs undergo chemical transformations (in a process known as drug metabolism) before they are excreted from the body. The drug transformation products (metabolites) must be identified so that their toxicological profiles can be determined.

### **Combinatorial Chemistry in Drug Discovery**

Combinatorial chemistry is a sophisticated set of techniques used to synthesize, purify, analyze, and screen large numbers of chemical compounds, far faster and cheaper than was previously possible. The direct precursor of combinatorial chemistry was the solid-phase synthesis of polypeptides developed by American biochemist Robert Bruce Merrifield in the 1960s, followed by the advances in laboratory automation since then. Initial development of the field has been led by the pharmaceutical industry in the search for new drugs, but its applications are spreading into other fields of chemistry. Other terms associated with this field are parallel array synthesis and high-throughput chemistry. Whereas classical synthetic chemistry involves the stepwise synthesis and purification of a single compound at a time, combinatorial chemistry makes it possible to synthesize thousands of different molecules in a relatively short amount of time, usually without the intermediate separation of compounds involved in the synthetic pathway, and with a high degree of automation. Such procedures result in the production of new compounds faster and in greater numbers than is possible with standard synthetic methods. The first and still the most common type of combinatorial synthesis involves attaching a molecular species onto a macroscopic substrate such as a plastic bead and performing one or several well-characterized chemical reactions on the species. After each reaction, the product mixture can be split among several reaction containers and then recombined after the reaction (a procedure called mix and split), or else carried out in parallel containers. The resulting mixture of compounds is referred to as a molecular library and can contain many thousands of individual compounds. The analysis, or screening, of these libraries to identify the compounds of interest, along with their subsequent isolation and identification, can be completed by a variety of methods. One example is iterative deconvolution; it involves the successive identification of

each of the units backward along the chain of synthesized units. Another, called positional scanning, requires the multiple synthesis of a library, each time varying the location of a known unit along the chain and comparing the activities of the resulting libraries. More recent advances in library screening involve the "tagging" of a substrate with tiny radio frequency transmitters or unique two-dimensional barcodes. Another important recent advance by researchers allows combinatorial syntheses to be carried out in solution, which further extends the scope and utility of this field. Since 1990s, the drug discovery process has been revolutionized with the introduction of some newer techniques in molecular biology, biotechnology, genomics, and bioinformatics. Very High expectations from newer trends in drug discovery due to its speed, cost, and greater success. High Throughput Screening (HTS) is a powerful technique which speedup the screening process. Target oriented development is a plus point, and receptors especially G-protein coupled receptors (GPCRs) has been successfully targeted. Despite all this, there has been a steady decline in the number of new drugs and still drug discovery a lengthy, expensive, difficult and inefficient process with low rate of new therapeutic discovery.

**COMMON PEOPLE WITH INSPIRATIONAL MISSION****Mr. Kiran B. Dhamak****Assistant Professor, Department of Pharmaceutical Chemistry**

Struggle, difficulties, failures are faced by everyone, in this world no one can say that they have been living struggle free life or they haven't faced any failure yet, many think or many people have a myth that successful people become rich and successful because of their luck and they don't face any failure or bad times, as I said it's a myth, every individual in this world faces problem and failure, but the only difference between successful people and normal people is, that they never give up until and unless they don't achieve what they always dreamed about.

People become successful when they have strength and courage to stand up after falling and move on with the same vision which they had in their mind about their goals, As it says" FALLING DOWN IS AN ACCIDENT BUT STAYING DOWN IS A CHOICE." And successful people never stay down they move on in order to achieve their dream and goals, today I will share India's few successful people list who failed/struggle but didn't give up and finally achieve their dream life and become successful.

**Paulami Patel**

12-year-old Paulami could have never foreseen that her family's traditional summer vacation to Hyderabad in 2001 would change her life forever. That year, a terrible accident left her with 75-80 per cent burns and an amputated arm. Paulami was shattered – but not so much that she could give up on life. With her parents as her ultimate pillars of support, this fighter took the reins of her life in her own hands, literally. Sixteen years and 45 surgeries later, Paulami is perhaps one of the most resilient and strongest persons you will ever meet. She now runs her family business, which deals with heavy machinery, and is happily married to her childhood sweetheart.

**Dr Umesh and Dr Ashwini Sawarkar**

When their three-month-old daughter passed away following a road accident, the first thought that came into the minds of Dr Umesh and Dr Ashwini Sawarkar was to donate their only child's organs. For organ donation was their only hope to keep their daughter alive through somebody else. As much as their poignant thought was noble, a grotesque reality awaited the grieving parents. Many grey areas existed in the field of infant organ donation, and their one last hope of donating their baby's organs sadly didn't find the light of the day. By the time the formalities were completed, the procedure was no longer a viable option. To address this void and draw the attention of the government and Ministry of Health, Dr Umesh wrote a heartbreaking letter to the Prime Minister. The viral message has now become a hope for parents in India.

**Dadarao Bilhore**

Dadarao Bilhore lost his 16-year-old son to a road accident – thanks to a pothole. Within a month of the child’s tragic demise, Bilhore began a crusade that changed into a lifelong journey. He now fills up every single pothole he comes across in Mumbai. Armed with broken paver blocks, gravel, stones and a shovel, from 2015 to date, he has filled over 600 potholes. Known as the ‘Pothole Dada of Mumbai’, he has also been relentlessly fighting to bring legal justice against errant contractors and civic authorities and does not plan to quit until fair reparations have been made.

**Murukan S.**

It was the kindness of a stranger that put a roof over Murugan’s head, who had lived many years of his childhood on the streets of Kochi while scavenging through garbage to fill his stomach. When he could finally manage to fend for himself, he decided to return the favour by embarking on a lifelong mission to ensure that the homeless in his city will have someone to care for them. Through his organisation, Theruvora Pravarthaka Association, Murugan has rescued thousands of homeless children, elderly and ailing people from across Kerala over the last two decades and has given them a sense of dignity that even the state government failed to provide.

## A BRIEF REVIEW ON PHARMACOLOGICAL TREATMENTS FOR COVID-19

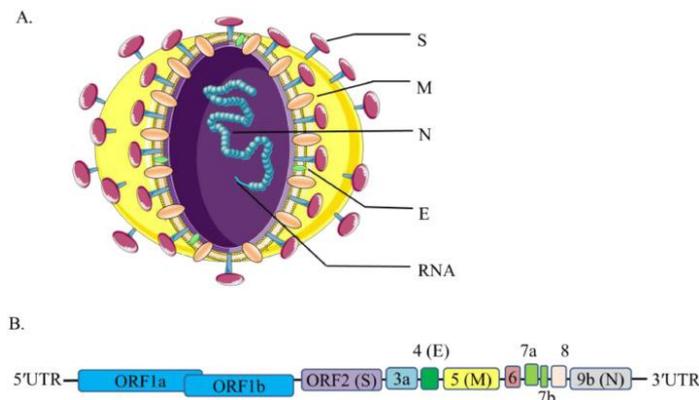
Dr. Sachin B. Somwanshi

Assistant Professor, Department of Pharmaceutics

### Introduction

Coronavirus disease (COVID-19) is a disease caused by a novel coronavirus now known as severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2; formerly known as 2019-nCoV), which was initially detected in Wuhan City, Hubei Province, China, during an outbreak of respiratory sickness cases. In January 2020 this previously unknown virus was named corona virus, this name was given by WHO [World Health Organization] in Feb. 2020.

The coronaviruses (CoVs) belong to the genus Coronavirus, the family Coronaviridae, and the order Nidovirales. They are enveloped and have a non-segmented, single-stranded, positive-sense ribonucleic acid (ssRNA+) as their nuclear material.



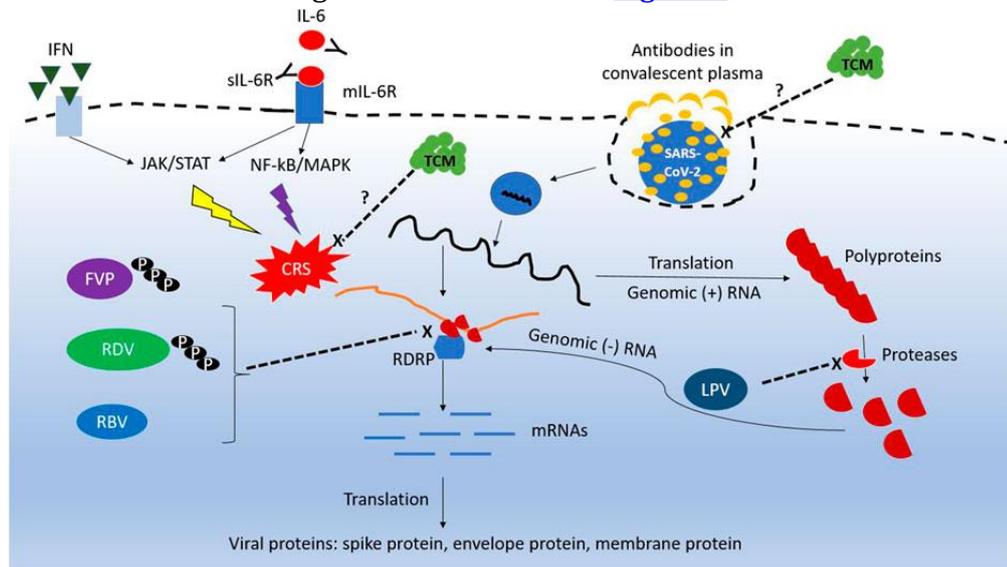
**Figure 1:** Structure and genome of severe acute respiratory syndrome coronavirus 2

According to the World Health Organization (WHO), and preliminary research results, the infection with SARS-CoV-2, which was initially called as novel coronavirus disease 2019 (nCOVID-19), could result in a human infection that presents with signs and symptoms that include fever, dry cough, dyspnea, fatigue, and lymphopenia. Occasionally, human infections may lead to complications such as pneumonia, severe acute respiratory syndrome (SARS), and even death.

### Review for selected reprocessed drugs

Early in the pandemic, knowledge of COVID-19 and its therapeutic management was inadequate, prompting a rush to develop experimental therapeutics and repurpose drugs to combat this novel viral infection. Since then, because to the persistent work of clinical researchers around the world, substantial progress has been made, resulting in a greater understanding of not only COVID-19 and its management, but also the rapid development of innovative therapies and vaccines.

Most drugs currently used for COVID-19 are approved antiviral agents or antibodies against diseases other than COVID-19. The conceptual antiviral mechanisms for these drugs are summarized in [Figure 2](#).



**Figure 2:** Conceptual diagram of the mechanism for repurposing antiviral agents against SARS-CoV-2.

- 1. Remdesivir** is a broad-spectrum antiviral agent that previously demonstrated antiviral activity against SARS-CoV-2 *in vitro*. Based on results from three randomized, controlled clinical trials that showed that remdesivir was superior to placebo in shortening the time to recovery in adults who were hospitalized with mild-to-severe COVID-19, the U.S. Food and Drug Administration (FDA) approved remdesivir for clinical use in adults and pediatric patients (over age 12 years and weighing at least 40 kilograms or more) to treat hospitalized patients with COVID-19.
- 2. Lopinavir/ritonavir** is an FDA-approved combo therapy for the treatment of HIV and was proposed as antiviral therapy against COVID-19 during the early onset of the pandemic.
- 3. Ribavirin:** Ribavirin is a guanosine analog and acts against both RNA and DNA viruses. It acts by multiple mechanisms. It interferes with the functioning of polymerase enzyme. It also causes the destabilization of viral RNA and also inhibits inosine monophosphate dehydrogenase and thereby inhibits the formation of guanosine. It has shown its efficacy in SARS-CoV and MERS-CoV epidemic.
- 4. Favipiravir:** Favipiravir has been shown its efficacy in the treatment of influenza, and Ebola virus is basically a prodrug and acts by inhibiting RNA-dependent RNA polymerase inhibitor.
- 5. Other Antivirals**  
Oseltamivir, a neuraminidase inhibitor approved for the treatment of influenza, has no documented *in vitro* activity against SARSCoV-2.

Umifenovir (also known as Arbidol) is a more promising repurposed antiviral agent with a unique mechanism of action targeting the S protein/ACE2 interaction and inhibiting membrane fusion of the viral envelope.

### Other drugs for COVID-19 infection

1. **Hydroxychloroquine and chloroquine** were proposed as antiviral treatments for COVID-19 initially during the pandemic. However, data from randomized control trials evaluating the use of hydroxychloroquine with or without azithromycin in hospitalized patients did not improve the clinical status or overall mortality compared to placebo.
2. **Ivermectin** is an FDA-approved anti-parasitic drug used worldwide in the treatment of COVID based on an *in vitro* study that showed inhibition of SARS-CoV-2 replication.
3. **Interferons** has been noted in the previously published literature that IFN-I treatment has activity against MERS-CoV and SARS-CoV.[20] It has been investigated in numerous experiments both *in vitro* and *in vivo*.
4. **Tocilizumab** is an anti-interleukin-6 receptor alpha receptor monoclonal antibody that has been indicated for various rheumatological diseases. The data regarding the use of this agent is mixed. It was suggested in recent literature that IL-6 is one of the most crucial cytokines which was documented to be involved in COVID-19-induced cytokine storms. Thus, tocilizumab emerged as one of the treatment strategies among COVID-19-infected patients.
5. **Gimsilumab:** Gimsilumab is a fully human monoclonal antibody. Granulocyte-macrophage colony-stimulating factor (GM-CSF) is documented to be involved in hyperinflammation of the lung and increase in pro-inflammatory cytokines and chemokines. Gimsilumab is thought to act on these GM-CSFs.
6. **Baricitinib** is an oral selective inhibitor of Janus kinase (JAK) 1 and JAK 2 currently indicated for moderate to severely active rheumatoid arthritis patients. Baricitinib was considered a potential treatment for COVID-19 based on its inhibitory effect on SARS-CoV-2 endocytosis *in vitro* and on the intracellular signaling pathway of cytokines that cause the late-onset hyperinflammatory state that result in severe illness.
7. **Ruxolitinib** is another oral selective inhibitor of JAK 1 and 2 that is indicated for myeloproliferative disorders, polycythemia vera, and steroid-resistant GVHD.
8. **Convalescent plasma:** CP or immune plasma has materialized as one-fourth buoyant treatments for COVID-19 infection. Plasma that is collected from an infected individual which is then transfused into infected patients as a post exposure prophylaxis is termed as CP. Antibodies that are derived from CP are able to neutralize a virus by inhibition of its replication.

### **Immunomodulatory Agents**

- 1) **Corticosteroids:** The use of corticosteroids is to decrease the host inflammatory response in lung which may lead to acute respiratory distress syndrome (ARDS) and lung injury. It can cause adverse effect including the risk of secondary infection and delayed viral clearance.
- 2) **Anticytokine:** Monoclonal antibodies directed against key of inflammatory cytokines and the innate immune response represent potential class of adjunctive therapies for COVID 19.

### **Vaccine for COVID-19**

The most effective long term strategy for long term prevention of future outbreaks of this virus would be the development of vaccine providing protective immunity. A minimum of 12 to 18 month would be required before wide spread vaccine development. India is currently administering AstraZeneca's COVID-19 vaccine, which is manufactured by the Serum Institute and branded Covishield, and a shot developed by Bharat Biotech called COVAXIN.

### **Conclusion**

The COVID-19 pandemic is still severe, and most of the drugs currently available for COVID-19 are not designed specifically against SARS-CoV-2. The search for effective antiviral agents specific to SARS-CoV-2 is still ongoing. The potential drugs for COVID-19 are summarized in to the current review. In conclusion, in addition to antiviral medications, the COVID-19 vaccine is the most promising option for ending the present pandemic. Patients in the early stages of COVID-19 may benefit from antiviral drugs. In addition to antiviral therapy, anti-inflammatory agents may aid crucial in COVID-19 patients with cytokine release syndrome. When used with other antiviral drugs, traditional Chinese medicines may offer advantages in terms of immunomodulation and virus suppression.

## **A NOVEL, INNOVATIVE HERBAL ANTIVIRAL MOUTHRINSES**

**Ms. Kaveri T. Vaditake**

**Assistant Professor, Department of Pharmaceutical Chemistry**

### **Introduction**

The sudden onset, outbreak, and pandemic of COVID-19 began in late 2019, causing widespread problems and concerns. A hospital study on the COVID-19 crisis recommended the use of the mouthwash for patients and staff of the health department who are in direct contact with COVID-19 patients. Gargling this mouthwash has also been suggested in several studies to reduce viral load and thus to control oral hygiene and respiratory tract. This procedure reduces the risk of the virus spreading during coughing, sneezing, and even talking, and it may thus be effective in controlling the COVID-19 epidemic.

The use of the mouthwash has also been recommended in people with a high risk of respiratory infections to reduce other pathogens in the oral flora and thus to prevent the infection and accelerate recovery in these patients.

### **Origin of proposal**

There are at least three different pathways for COVID-19 to present in saliva: firstly, from COVID-19 in the lower and upper respiratory tract that enters the oral cavity together with the liquid droplets frequently exchanged by these organs. Secondly, COVID-19 present in the blood can access the mouth via crevicular fluid, an oral cavity-specific exudate that contains local proteins derived from extracellular matrix and serum-derived proteins. Finally, another way for COVID-19 to occur in the oral cavity is by major- and minor-salivary gland infection, with subsequent release of particles in saliva via salivary ducts.

Dentists need to focus the patient positioning, hand hygiene, all personal protective equipment (PPE), and safety measures in the production of aerosol production, as preventive measures to prevent COVID-19 infection. As the present study showed, antiviral mouthwashes play a certainly important role in reducing the viral load of the salivary virus.

By considering the study, the use of mouthwash alone has the same effect as mouth washing and brushing, and since it is easier for patients to use mouthrinses, it is very important to investigate the use of mouthrinses in this regard.

### **Definition of problem**

Herbal have proved beneficial role exhibiting the antiviral activity and pays specific attention for respiratory virus infection. The aim of this study is to gather information on medicinal plants with antiviral activity, against COVID-19. Herbal plants like Echinacea (Asteraceae) Flower, Cinchona bark, *Spondias mombin*, holy basil leaf powder, Neem leaf extract (*Azadirachta indica*), *Zingiber officinale*, *Ficus racemosa* L., *Glycyrrhiza glabra*, *Zizyphus vulgaris*, *Sisymbrium*

*iori, Borago officinallis etc.* are mentioned exhibiting the therapeutic potential antiviral activity for respiratory virus infection hence in present work extracts of these plants will used for the treatment of same in the form of novel, innovative herbal mouthrinses.

**Importance of the project:**

The antiviral mouthwashes play a certainly important role in reducing the viral load of the salivary virus. In the present study, this importance could be proved in two different aspects, considering the use of mouthwash before dental procedures to reduce the risk of transmission of the virus to the dental team and the use of this mouthwash in COVID-19 patients to help improve systemic problems associated with oral microbial flora.

**Expected outcomes from the project:**

The formulated polyherbal mouth rinses could efficiently reduces the viral load of the salivary virus. This mouth rinses will be appealing in appearance, taste and freshness. It is healthy and environment friendly, and can even be used as a homemade mouthwash with easily available components in order to improve our oral hygiene.



**MARATHI SECTION**



## दोन शब्द प्रेमाबद्दल ....

प्रेम

ज्या शब्दातून व्यक्त होणारे भाव हे भूमिकेनुसार  
सर्वात जलद व तितक्याच चानक्षपणे बदलतात ते शब्द म्हणजे प्रेम...  
जन्मापासून ते आपल्या मृत्यु पर्यंत असंख्य व्यक्ती  
आपल्या आयुष्यात येतात व आयुष्यातून निघून जातात  
पण तो व्यक्ती आपल्या आयुष्यात असताना आपण  
त्यांच्या बद्दल आपल्या मनात केलेल्या सुयोग – भावना  
म्हणजेच प्रेम.

दोन व्यक्तींमध्ये सुरु असलेल्या संवादाचे रुपांतर हे संवादाच्या पलीकडे जाऊन  
आपुलकीच्या शब्दांमध्ये रुपांतरित होणे म्हणजे प्रेम.  
दोन घटकांमध्ये असलेल्या संबधना अधिक बळकटी प्राप्त घेताना ज्या भावना प्रकट होत जातात  
त्या भावना म्हणजे प्रेम.

एक सैनिकाने आपल्या मातृभूमीसाठी दिलेले प्राण म्हणजे प्रेम. आपल्या मुलाला खाऊ  
घालत असते ते त्या आईचे प्रेम.

सूर्य मावळतीला गेल्यानंतर आपल लहान वासरू गोठ्यात परतल नाही तर त्याच्या शोधासाठी  
हंबरडा फोडणाऱ्या त्या गाईचा आवाज म्हणजेच तीच्या प्रेमाची साठा.  
नवऱ्याची घरी येण्याची वेळ निघून जाऊन पण तो घरी कसा परतला नाही, त्यासाठी त्याकाळजिने  
व्याकूळ होणाऱ्या त्या पत्नीची काळजी देते तिच्या प्रेमाचा पुरावा. स्वताच्या जातीचा अडथळा दूर  
सारून एक हिंदू एका मुस्लीम बंधावला हिंदू मुस्लीम दंगलीच्या वेळेस आपल्या घरात सहारा देतो  
ते प्रेम म्हणजे बंधन दूर सारत केलेलं प्रेम.

प्रेम फक्त शब्द नसून ... दोन घटकांमधील भावना आहे.

.....स्वाती साहेबराव बोरसे

## बाप.....

आईच हृदय ममतेचा वाहत पाट असतो  
बापाच्या पाठीचा कणा मात्र कधीही ताठ नसतो !  
आयुष्यभर बापाच्या पाठीला वाक असतो  
जगण्याच्या गाडीच तो नकळत चाक असतो / होतो.  
सासरी जाताना मुलगी डोळ्यात अश्रूंचा पाट वाहतो  
तेव्हा तरी कोठे बापाचा कना ताठ असतो?  
बाप ताटातल मीठ असतो  
थंडगार पाण्याचा माठ असतो  
व्यवहार चातुर्याचा परिपाठ असतो.  
सुखी आयुष्याची वाट असतो.  
त्याच्या कष्टाला कधी काठ नसतो  
आपल बाळ बाप झाल्यावर आनंदासोबत थोड दुख सुद्धा होतं  
आपल्या पाठीवरचा बाक.  
नव्या बापाकडे देऊन नंतर अचानक कधीतरी  
तो जगाच्या बापाकडे निघून जातो.....!

.....स्वाती बोरसे

## ते चार लोक

चार लोक काय म्हणतील ?

हाच विचार करत आपण आपल्या आयुष्याचे काही  
क्षण व्यर्थ करतो

बाबारे आपण त्या चार लोकांसाठी जन्माला  
नाही आलोय

आपल्याला उठायचे आहे, पळायचे तोपर्यंत पळायचे  
जेव्हां आपले मन बोलत नाही कि बाबारे आता  
खूप यश प्राप्त केलय आता लक्ष आपल  
पूर्ण झालय

चार लोक काय म्हणतील ? याचाच जर विचार करत राहिलो  
तर नक्कीच

चार लोक काही काय म्हणतील

जे चार लोक म्हणणारे आहेत त्यांचा विचार नका करू  
ते चार सोडून जे शेकडो लोक तुमच्या सोबत आहेत  
त्यांचा विचार करा

हे चार लोक तुम्हाला मागे खेचतील

हेच चार लोक टोमणे मारतील

पण ज्या दिवशी तुम्ही यशाच्या शिखरावर असाल  
हेच चार लोक तुमच्या पायाशी खेळतील.....

....कोमल जाधव

## दोन ओळी माझ्या बाबांसाठी

नाशिक शहरात आनंदाने वाढलेली अंकिता आणि माझ्यावर जीवापाड प्रेम करणारे माझे बाबा.....

लहानपणापासून वाढविले ज्यांनी झाडांच्या मुळाना फांद्या बनवूनी जपले मला ज्यांनी कठीण परिस्थितही देऊनी आधार जीवापाड जीव लाविला ज्यांनी अशा माझ्या बाबांना माझा मनापासून नमस्कार.

एक प्रसन्न पहाट जेव्हा उगवते तेव्हा डोंगरातून सूर्य आपला प्रकाश चारही दिशांना पसरून सर्वांनी उत्साही बनवितो तसेच माझ्या आयुष्यात एक प्रसन्न पहाट जेव्हा उगवते तेव्हा डोंगरातून सूर्य आपला प्रकाश चारही दिशांना पसरून सर्वांना उत्साही बनवतो. तसेच माझ्या आयुष्यात एक प्रसन्न पहाट निर्माण करणारे माझे बाबा....

मी आणि माझे बाबा आमच नात तस लाख मोलाच नेहमी आई मुलींच्या गोष्टी ऐकल्यात आजवर मी पण आई पेक्षाहि जास्त जीवापाड प्रेम करणारे माझे बाबा आहेत. आईचा जीव मुळात आणि बाबांचा जीव मुलीत हे कितीही नाही म्हटल तरी खर आहे अस वाटत.

मी आणि माझे बाबा खूप प्रेमळ नात आमच आजपर्यंत नेहेमी माझ्या जीवनाला आकार देण्यात जेवढा आईचा तेवढा माझ्या बाबाचा देखील हातभार लागतो.

माझे बाबा म्हणजे जीवनाला लाभलेली सर्वात मोठी देणगी असते. सुख दुखत माझ्या जीवनाला आकार देण्यात माझ्या आयुष्याच्या वाटचालीत मला नेहेमी हातभार लावणारे माझे बाबा आहेत.

लहानपणापासून खायला नेहेमी नाटके करणारे मी आणि त्यावर बळ बळ चिव काऊ घास भरविणारे माझे बाबा आता जरी मी मोठी झाली पण लहानपणाची मी आणि या लहानगीला सांभाळणारे माझे बाबा असून अजून आठवतात. मला लहानपणी त्यांचे हात माझी झोळी असायची आणि आई बरोबर बाबांची हि अंगाई पण ऐकायला मिळायची अजून हि कानात ऐकू येतात त्या ओळी .

बाबा येरे ये बाबा वाट पाहतात तुझी अंगाई ऐकाया तयार खुशी

बाबांचे अंगाई ऐकून मी गाठ झोपून जायची. लहानपणी जशी होती आताही मी मला हवी आहे. अगदी तशीच मी आणि अंगाई व सोबतीला माझे बाबा खरच जागाच लहानपनीच वेगळे. मी कितीही मोठी झाली पण माझ्या बाबांसाठी मी मात्र अजून हि लहानच आहे. माझे आयुष्य घडवायला भविष्य सुधारायास मला साहाय्य करायचे हेच त्याचं आताच एकमेव ध्येय.

मी आणि माझे बाबा अस मनात आला ना कि मन अगदी आनंदित होवून जात कारण जगण्यात मला सोबत देणाऱ्या माझ्या बाबांचं नाव जेव्हा मी आणि माझे बाबा अस येत ना तेव्हा आयुष्यात काही तरी मिळवलंय केलय याची जाणीव होते.

बाभळीचा काटा जसा टोकदार पण पान मात्र झाडांचे मऊ शार. . . हे वाक्य खर आहे अस वाटत माझे बाबा वेळ प्रसंगी थोडे चिडणारे पण नंतर मात्र ती गोष्ट योग्य आहे कि नाही हि गोष्ट समजून सांगणारे माझे बाबा आहेत.

आपल्याला जर ठेस लागली तर आपल्या तोंडातून आई ग. बाहेर पडत पण जर एखादी ट्रक रस्ता ओलांडताना समोरून आली तर आपल्या तोंडातून बाप रे बाहेर पडत. म्हणजे आईचा जीव काळजी करणारा पण बाबांचा जीव मात्र आयुष्याची काळजी करणारा. माझ्या बाबाबद्दल लिहावे तितके कमीच आहे. शेवटी मी एवढेच म्हणेल

मी आणि माझे बाबा जगतो सोबती घेऊन सुख दुखाच्या आठवणी झाडणारे माझे बाबा आणि त्यांचे हसू पाहण्यास आतुरतेने वाट पाहणारी मी असे हे माझे बाबा आणि या बाबाची लाडकी मी....

.....अंकिता सुदाम शिंदे



## HINDI SECTION



## बचपन

बचपन के भी क्या दिन थे ना  
ना कोई जरूरी था, न कोई जरूरत थी  
न किसी कमिया थी, न किसी कि यादे  
न सपने देखते थे, न सपने टूटते थे  
न झुटे वादे थे, न झुटे लोग  
एक छोटे से एक रुपये के लोलीपोप मे भी  
बहुत खुश होते थे हम  
नन्हे सपने थे, नन्हे ख्वाब  
ऊन नन्ही ख्वाब  
ऊन नन्ही सी आखो मे खुशिया थी साफ  
न कोई कस्मे थी न कोई यादे  
साफ थे सार सारे इरादे  
दिन भर खेल कुद कर  
निंद मा की गोद के आशियाने मे अति थी  
दो मा भी हमे दिन भर ढून्ढ ढून्ढ कर थक जाती थी  
बाबा के के तो लाडले थे हम, पुरा जहा बसता बाबा मे  
गया तो बचपन, बाकी रहि बस यादे  
अब बचपन का दो रुपय्या आगे भाग रहा है  
हम उसके पीछे.....

.....शितल रजड



**ENGLISH SECTION**



## **Life**

Some moments to live,  
Some moments to cry,  
Flashes of my past,  
Reality of my present,  
Some roads, I want to travel,  
Some roads life made me travel.

Walls few I broke,  
Walls few fell on its own,  
Some dreams, I wanted to see,  
Some nightmares life kept me showing,  
Few initiatives, I didn't take,  
Few opportunities taken away from me,  
Life, I designed for myself,  
Life that designed me....

## **Rose Within**

To all the girls out there, just remember that;  
Bulgy lips, pretty eyes, a honned tanned beach body is all a lie.

Those stretch marks you loathe,  
are roads for someone to explore the beauty you hold.

After all, beautiful is not the body,  
Dressed in a thong, it's the one pierced in thorns;  
to protect the rose within....

.....Annie Dehraj

**PHARMACY!! PHARMACY!!**

**Effects of Drugs**

Overdose of histamine causes histamine shock,  
Nifedipine , Verapami l causes calcium channel block.  
Levodopa gives anti-parkinson effect,  
For Treatment of Psychosis, tranquillizers are perfect.

Angina Pectoris creates pain over the chest,  
As an anti-angina drug Nitro glycerine is the best.  
Salbutamol is used to treat Asthma and heart block,  
But adrenaline reduces Anaphylactic shock.

Auto Immune disease is Myasthenia Gravis,  
But overdose of Anti Cholinesterase causes cholinergic crisis.  
Bacterial antibiotics kill bacterial germ,  
Oxytocin indication is induction of labor in term.

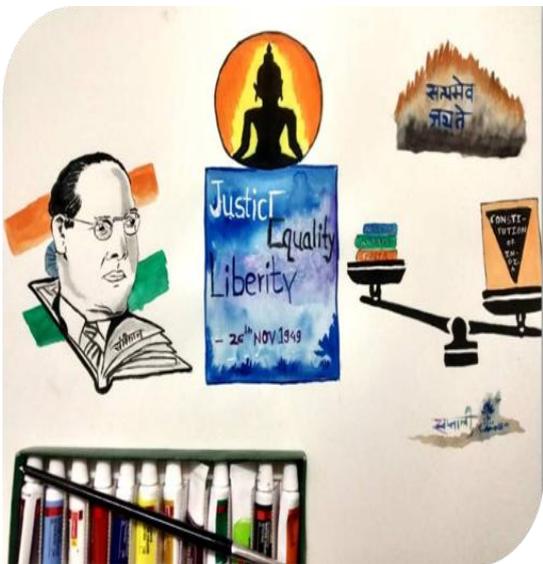
Studying these gives pressure on brain,  
But after all only these drugs relief our pain.

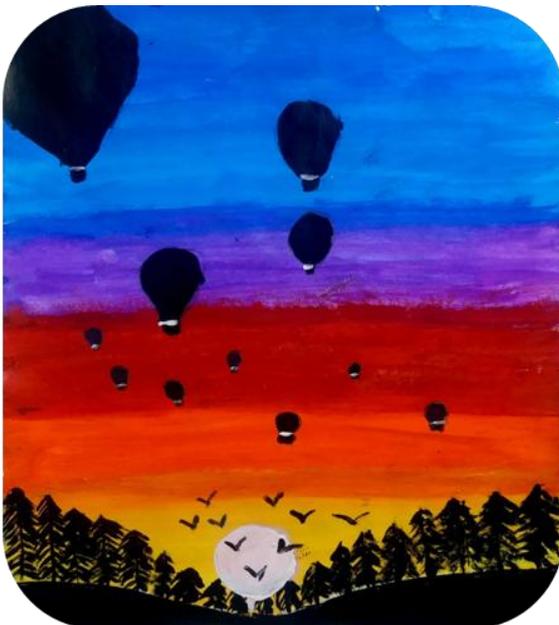
...Yogita J. Kadre



**STUDENT GALLERY**













**PHOTO GALLERY**



ACADEMIC RANKERS (2019-20)



**Raundal Sonal Ramesh**  
Final Year B. Pharm  
1<sup>st</sup> Rank 8.47 (CGPA)



**Kale Komal Namdeo**  
Third Year B. Pharm  
1<sup>st</sup> Rank 8.47 (CGPA)



**Kale Shilpa Arun**  
Second Year B. Pharm  
1<sup>st</sup> Rank 8.488 (CGPA)



**Dehraj Annie**  
First Year B. Pharm  
1<sup>st</sup> Rank 8.571 (CGPA)

**GPAT Qualified 2021**  
**Heartily Congratulations**

LOKNETE DR. BALASAHEB VIKHE PATIL  
(PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S  
**COLLEGE OF PHARMACY (FOR WOMEN)**  
NASHIK

 <b>Komal Kale</b> Score: 200, AIR: 1131	 <b>Kajal Vanhere</b> Score: 188, AIR: 1642	 <b>Trupti Gorhe</b> Score: 173, AIR: 2553	 <b>Aditi Kakde</b> Score: 171, AIR: 2687
 <b>Puja Bochare</b> Score: 167, AIR: 2612	 <b>Namrata Kangaré</b> Score: 159, AIR: 3797	 <b>Sonali Sanap</b> Score: 152, AIR: 4568	 <b>Shital Rajad</b> Score: 88, AIR: 20310

**Best Wishes From**  
Management, Principal & Pravara Family

GPAT Qualified Students 2020-21



LOKNETE DR. BALASAHEB VIKHE PATIL  
(PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S  
COLLEGE OF PHARMACY (FOR WOMEN)  
NASHIK

## NIPER 2021 RESULT

### *Heartily Congratulation*

*We feel extremely Happy and Proud to congratulate our Final Year B. Pharm Students for getting National Level Rank in NIPER-JEE 2021 (National Institute of Pharmaceutical Research Joint Entrance Examination) for Pursuing M.S. Course*



**Aditi Kakade**  
AIR 741



**Puja Bochare**  
AIR 812



**Komal Kale**  
AIR 1202



**Kajal Vanhere**  
AIR 1848



**Sonali Sanap**  
AIR 2158



**With Best Compliments from Hon'ble Chairman, Management,  
Principal and all staff members**



Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISHE Code No. C-44115

Address : At./Po. Chincholi, Tal. Sinnar, Dist. Nashik (M.S.) Pin : 422 102  
Ph No.: +91-2551-271178 | Website : [www.pravara.in](http://www.pravara.in) | Email - [principal.bpharmwomennashik@pravara.in](mailto:principal.bpharmwomennashik@pravara.in)

ACHIEVEMENTS/ HONOURS



# Certificate of Registration

This is to Certify that  
Quality Management System of

**PRAVARA RURAL EDUCATION SOCIETY'S,  
COLLEGE OF PHARMACY (FOR WOMEN).**

A/P. CHINCHOLI, TAL. SINNAR, DIST. NASHIK,  
MAHARASHTRA, 422102, INDIA

has been assessed and found to conform to the requirements of

## ISO 9001:2015

for the following scope :

PROVIDING EDUCATION FOR GRADUATION AND POST GRADUATION  
IN PHARMACY.

Certificate No	: 21EQET28	Issuance Date	: 08/09/2021
Initial Registration Date	: 08/09/2021	Date of Expiry	: 07/09/2024
1st Surve. Due	: 08/08/2022	2nd Surve. Due	: 08/08/2023



*Demul..*  
Director

**Magnitude Management Services Pvt. Ltd**

403, Madhubhan Building, 56, Nehru Place, New Delhi-110019, India

e-mail: [info@mmscertification.com](mailto:info@mmscertification.com), website: [www.mmscertification.com](http://www.mmscertification.com)

\* Subject to Successful Surveillance Audit in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.

Certificate Verification: Please Re-check the validity of certificate at <http://www.mmscertification.com/activeclients.aspx> or [www.mmscertification.com](http://www.mmscertification.com) at Active Clients. Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

INTERNSHALA

# Internship Day 2021

Ranking report of

**Pres'S College of Pharmacy for Women Chincholi  
Nashik**



## All India Rank

Out of 1530+ participating  
colleges across India



## Zonal Rank

Out of 383 participating  
colleges across West Zone

<sup>i</sup> The rankings are based on student selections from 1st April'21 to 31st July'21

**Congratulations Prof. Charushila Bhangale for building a  
meaningful internship culture in your college!**





अहमदनगर जिल्हा मराठा विद्या प्रसारक समाज संस्थेचे,  
न्यू आर्ट्स, कॉमर्स अँड सायन्स कॉलेज, पारनेर,  
ता.पारनेर, जि.अहमदनगर ४१४३०२ (महाराष्ट्र )

NAAC Re-Accredited 'A' Grade, DST-FIST & RUSA Sponsored College

**दीपावली निमित्त सांस्कृतिक विभाग आयोजित**  
भव्य ऑनलाईन रांगोली स्पर्धा २०२०-२०२१

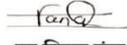


**प्रशस्तीपत्र**

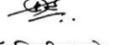
कु. **अंकिता सुदाम शिंदे** आपण १३ ते २३ नोव्हेंबर २०२० या कालावधीत दीपावली निमित्त सांस्कृतिक विभाग आयोजित भव्य ऑनलाईन रांगोली स्पर्धेत **प्रथम क्रमांक (विभागून)** मिळविल्याबद्दल आपणास हे प्रमाणपत्र सन्मानपूर्वक बहाल करून गौरविण्यात येत आहे.

▶ **सदर व्हिडीओ वाचनवाटा या यु-ट्यूब चॅनेलवर उपलब्ध आहे.**

दिनांक-६ डिसेंबर २०२०

  
**प्रा.विद्या फंड**  
समन्वयक

  
**प्रा.राणी शेख**  
समन्वयक

  
**डॉ.दिलीप दुबे**  
उपप्राचार्य

  
**डॉ.रगनाथ आहेर**  
प्राचार्य

**हार्दिक अभिनंदन !**

🌸🌸 Ankita Sudam Shinde, Student of S. Y. B. Pharm 🌸🌸

🎉 **1st Prize In Online Rangoli State Competition** 🎉

Organized by New Arts, Commerce and Science College, Parner



🌸🌸 Gayatri Ramhari Kunde, Student of T. Y. B. Pharm 🌸🌸

🏆 1st Prize in State level Debate Competition 🏆

Organized by V. N. Naik College of Engineering, Nashik



🌸🌸 Ankita Sudam Shinde, Student of S. Y. B. Pharm 🌸🌸

🏆 Prize in District level Debate Competition 🏆

Organized by Mahatma Jyotiba Phule Research Institute, Nagpur



🌸🌸 **Dr. Sachin B. Somwanshi, Assistant Professor** 🌸🌸

🎉 **“The Research Excellence Award 2020”** 🎉

From Institute of Scholars, for outstanding excellence and remarkable achievements in the field of Research and Publication



🌸🌸 **Mr. Vikrant B. Dhamak, Assistant Professor** 🌸🌸

🎉 **As Online Tutor** 🎉

For DTH SWAYMPRABHA under Ministry of Human Resource and Development



🌸🌸 **Dr. Viviekanand A. Kashid, Assistant Professor** 🌸🌸

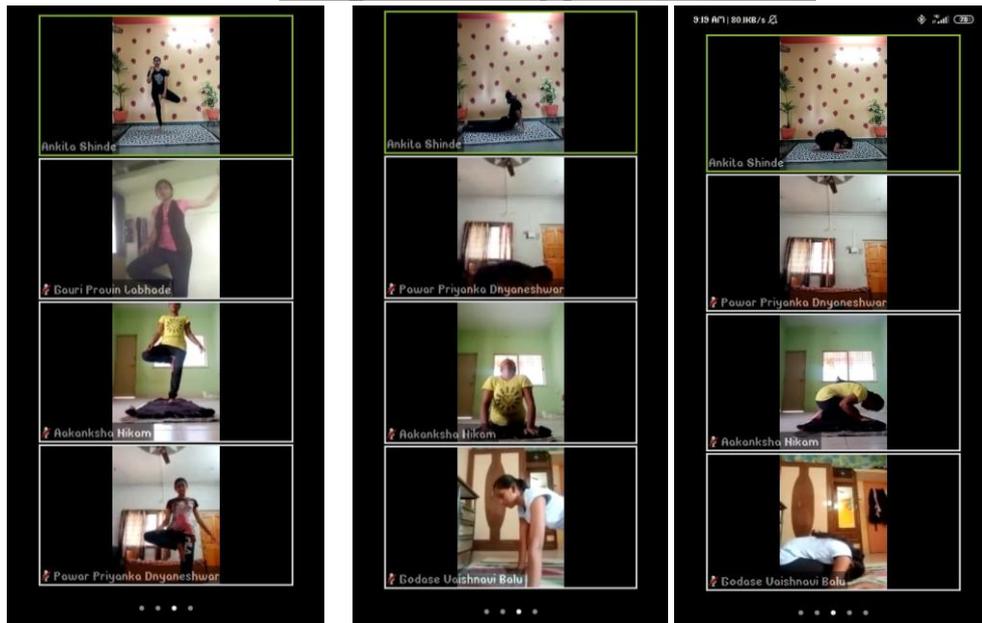
🎉 **Published Australian Patent on** 🎉

“Method for Developing a Strategic Customer-Value-Driven Plan to Create High Growth Business Opportunities”

COLLEGE ACTIVITIES



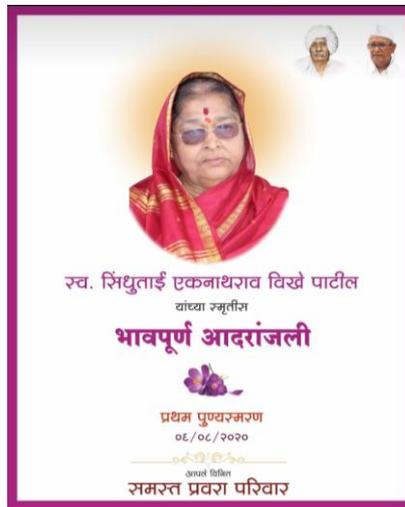
Birthday celebration of Hon'ble Namdar Radhakrishna Vikhe Patil on 15<sup>th</sup> June 2020



"International Yoga Day" on 21<sup>st</sup> June 2020



Covid-19 Awareness Program on 2<sup>nd</sup> July 2020



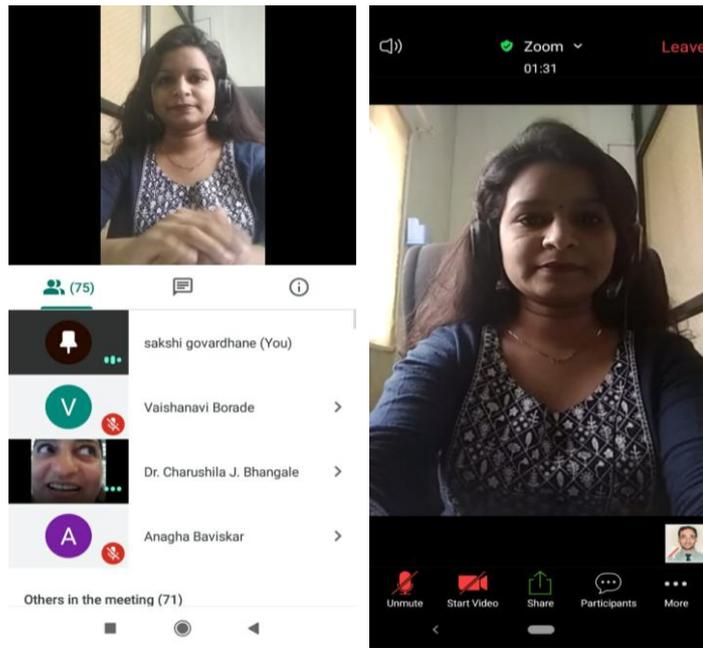
A tribute was paid to late Shrimati Sindhutai Vikhe Patil on the occasion of her first death anniversary on 6<sup>th</sup> August 2020



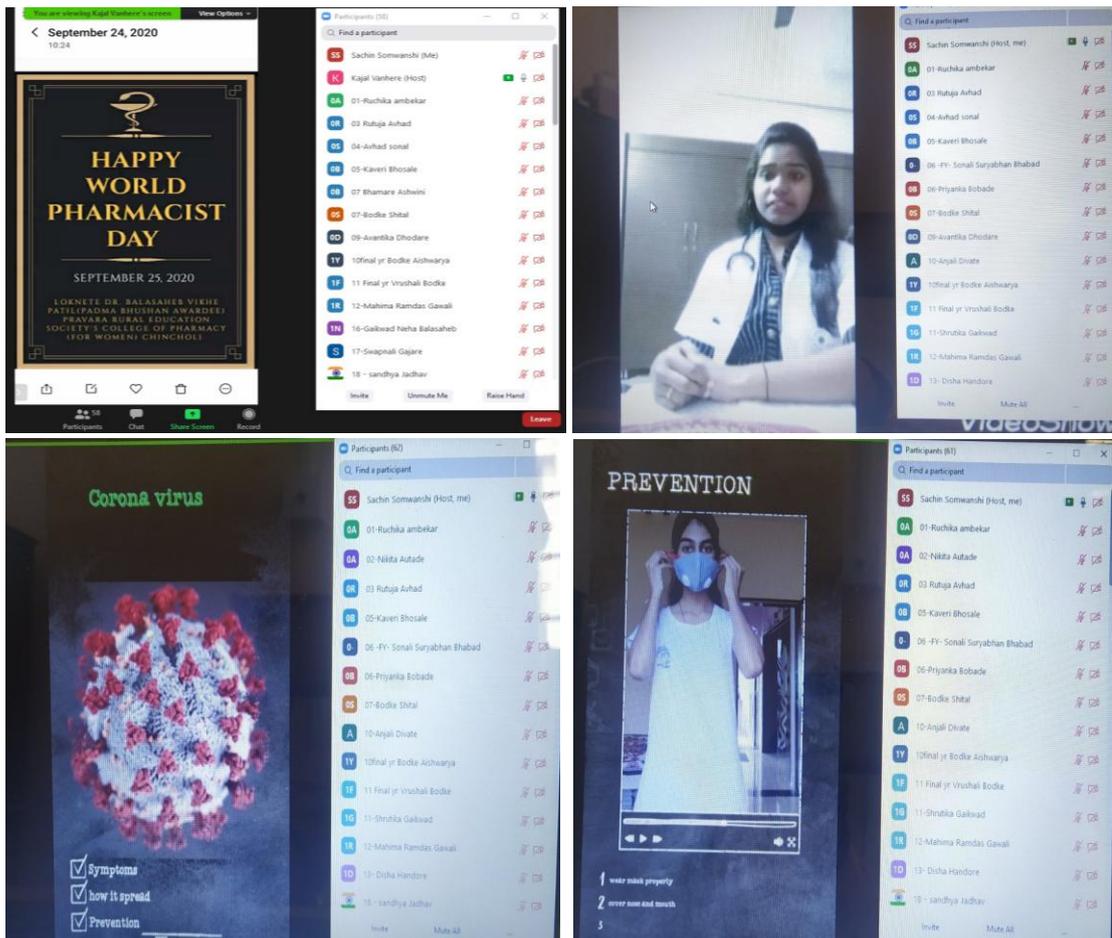
120<sup>th</sup> Birth Anniversary of the founder Padmashree, Dr. Vithalrao Vikhe Patil on, 3<sup>rd</sup> August 2020



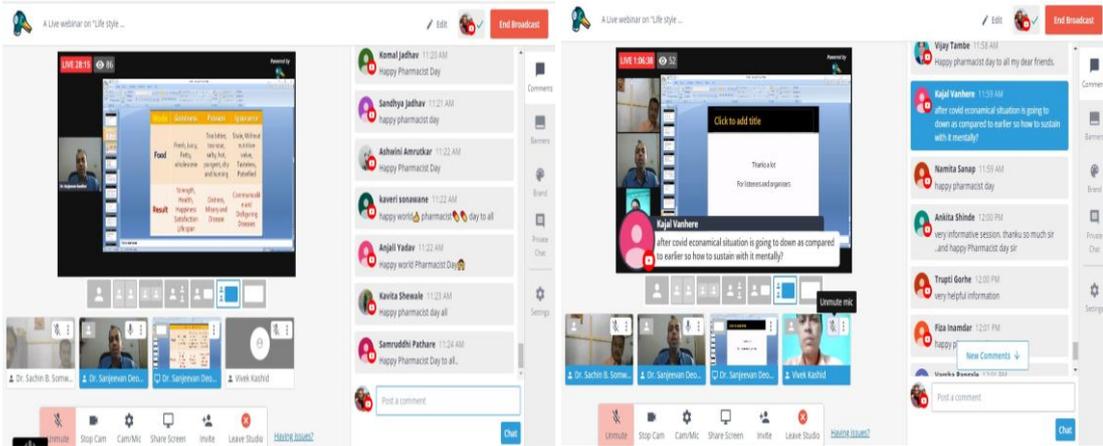
**‘Ganesh Idol Making Competition’ under theme ‘Make eco-friendly Bappa and let’s celebrate eco-friendly GANESHOTSAV’ on 18<sup>th</sup> August to 22<sup>nd</sup> August 2020**



Virtual celebration of Teachers Day on 5<sup>th</sup> September 2020



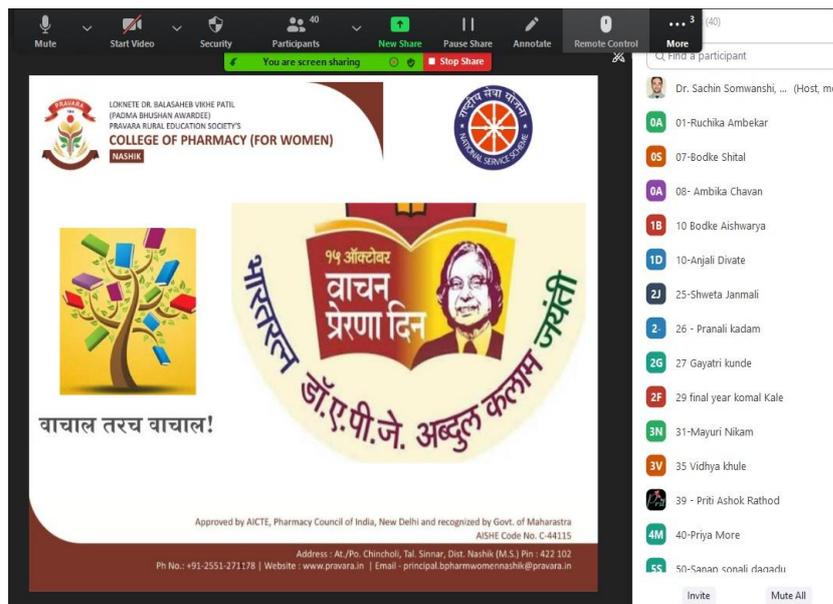
World Pharmacist Day Celebration under theme of "Pharmacist Transforming Global Health" on 25<sup>th</sup> September 2020



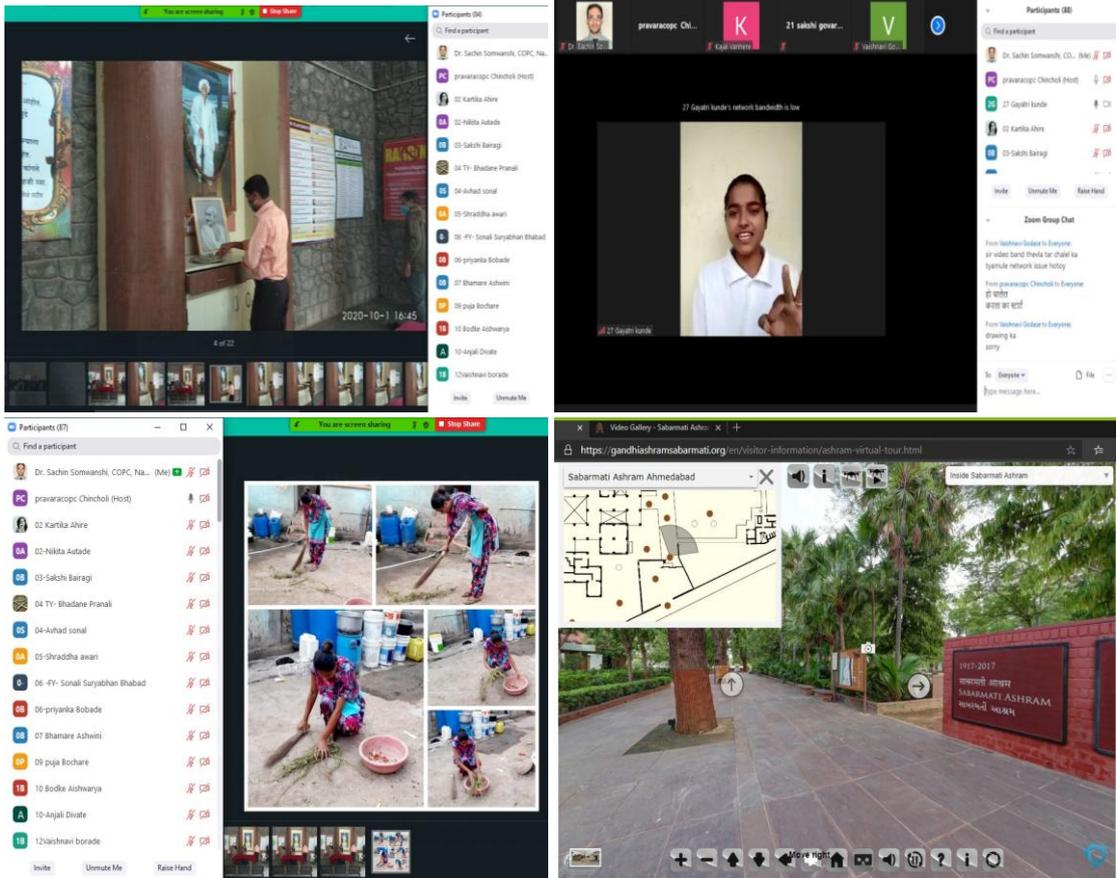
Webinar was organized on "Life style with and after Covid 19" on 25<sup>th</sup> September 2020



Tree was planted on the occasion of World Pharmacist Day 2020



Tribute Dr. A. P. J. Abdul kalam on the occasion of his birth anniversary by Celebrating Wachan Prerna Din on 15<sup>th</sup> October 2020



Virtual Mahatma Gandhiji Jayanti under theme 'Fourth Monkey of Gandhiji' on 2<sup>nd</sup> October 2020





**Fourth Death Anniversary of the Late Padmabhushan Khasdar Dr. Balasaheb Vikhe Patil on 30<sup>th</sup> December 2020**



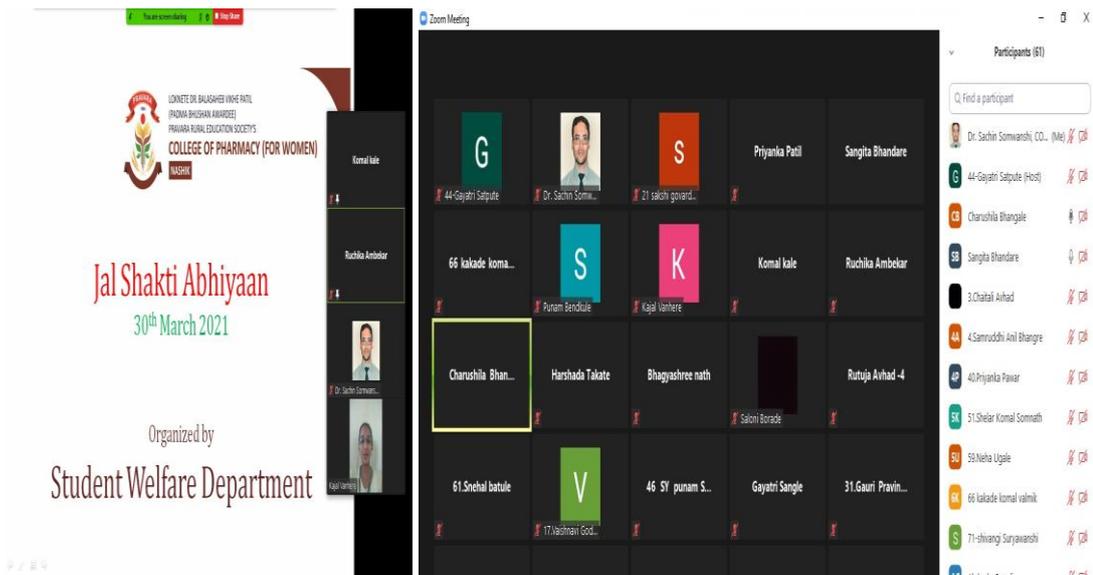
**Celebration of 190<sup>th</sup> birth anniversary of Krantijyoti Savitribai Phule, the on 3<sup>rd</sup> January 2021**



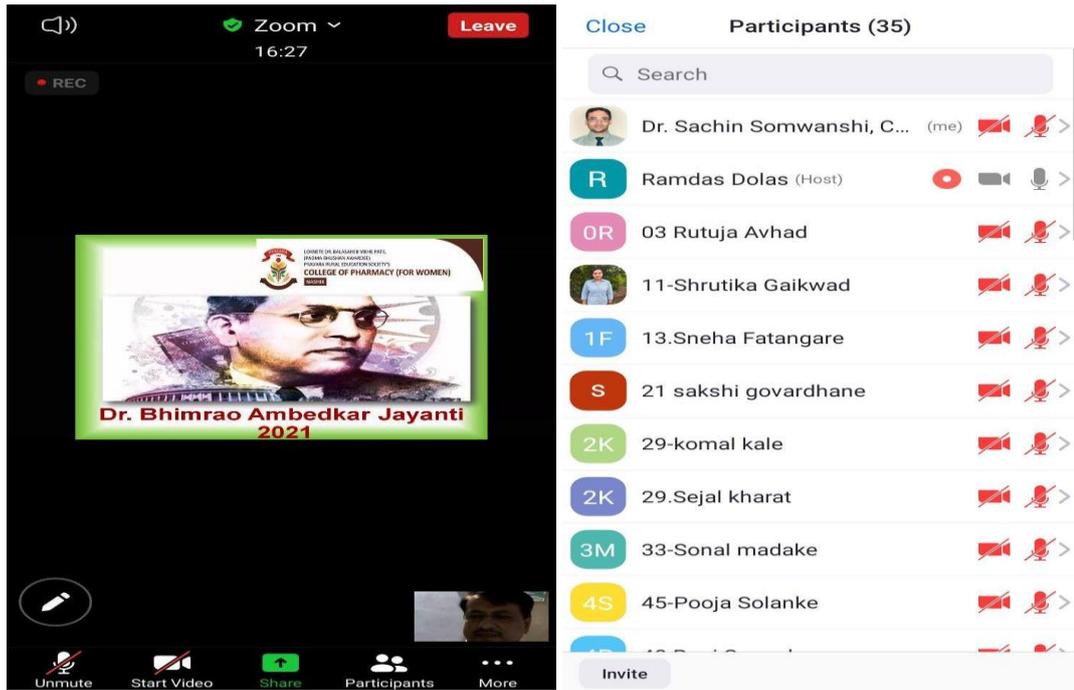
**Marathi Bhasha Din on the occasion of the birth anniversary of noted Marathi litterateur V. V. Shirwadkar on 27<sup>th</sup> of February 2021**



International Women's Day celebration on 8<sup>th</sup> March, 2021



Jal Shakti Abhiyaan-2020-21"Under the Theme "Catch the rain" on 30<sup>th</sup> March 2021



**Celebration of Birth Anniversary of Dr. Babasaheb Ambedkar on 14<sup>th</sup> April 2021**

PROGRAMS ORGANIZED BY COLLEGE

LOKNETE DR. BALASAHEB VIKHE PATIL  
(PADMA BHUSHAN AWARDEE)  
PRAVARA RURAL EDUCATION SOCIETY'S  
**COLLEGE OF PHARMACY (FOR WOMEN)**  
NASHIK

Organizing Free Webinar in Association with **CLINI INDIA™**

**"Scope of Clinical Research & Associated domains"**  
Date- 12 JUNE 2020, 11AM

**What you will learn?**

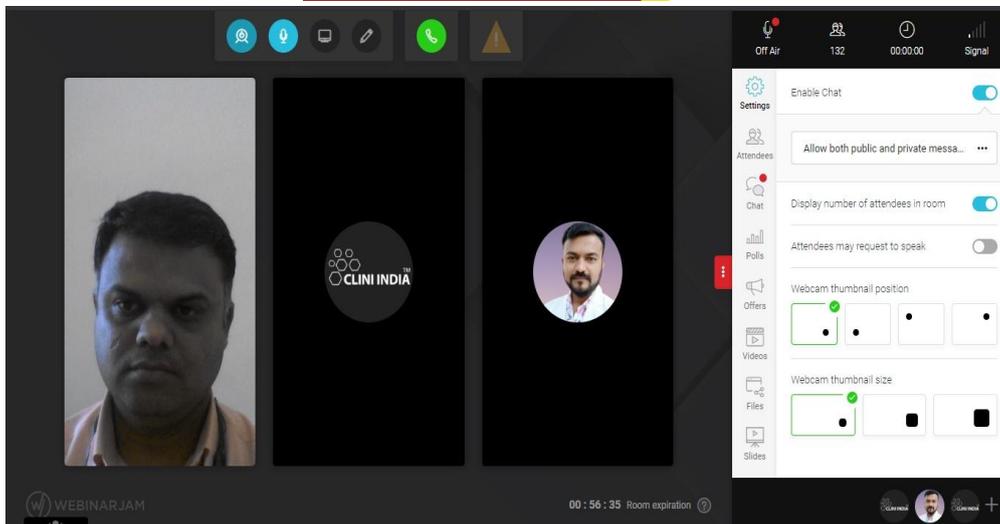
- Clinical Research & Associated Domain like, PV,CDM, Medical coding, Medical Writing
- Why it is booming industry in India
- Career Prospects
- Skill required to start career

**SPEAKER**

**Mr. Vishal Chaudhari**  
(Head of Operations)  
CLINI INDIA™

**Dr. Charushila J. Bhargale**  
Principal  
PRES'S College of Pharmacy,  
(For women), Chincholi,  
Nashik

**Dr. Kiran B. Kotade**  
Faculty Co-ordinator  
PRES'S College of Pharmacy (For  
Women), Chincholi, Nashik  
Email- kiran.kotade@pravara.in



Webinar on "Scope of Clinical Research And Associated Domains" in association with Clini India on 12<sup>th</sup> June 2020

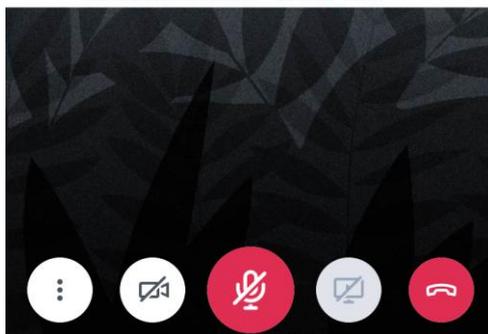
TARGET GPAT 2K21 : AIR-01

GPAT 2K21 Preparation

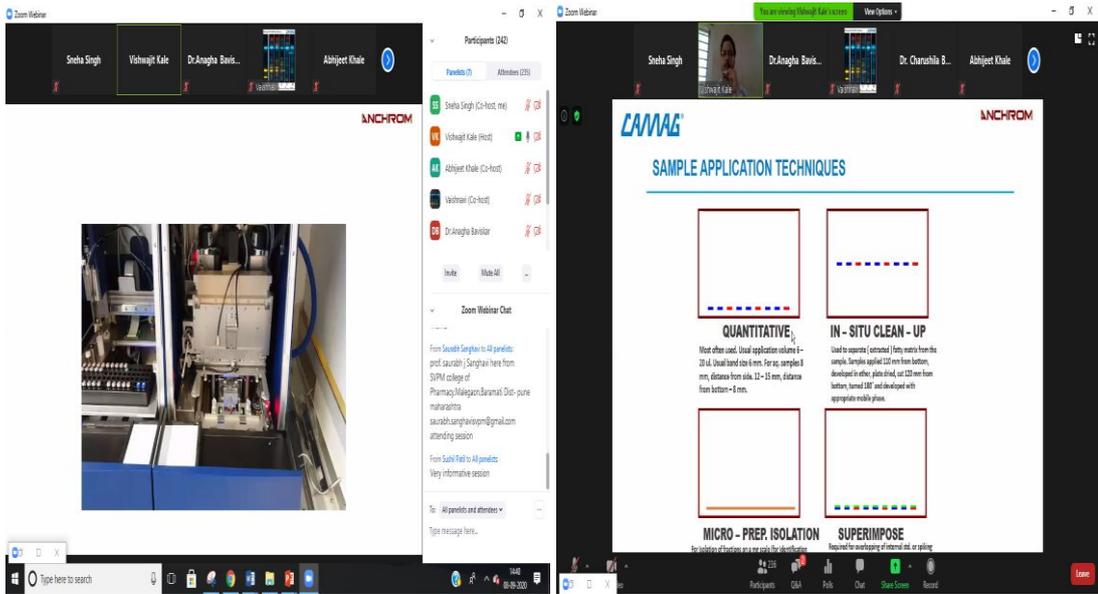
By  
Team PHARMAELITE  
By NIPERians and ICTians, For Future NIPERians and ICTians!!

<https://www.pharmaelite17.com>  
<https://www.instagram.com/pharmaelite17/>  
<https://www.facebook.com/pharmaelite17/>  
<https://www.linkedin.com/in/pharmaelite-academy-for-gpat-ajper-aaa038159>  
<https://www.youtube.com/channel/UCyYfHs1kxW1DewK21gZ0H6g/streams>

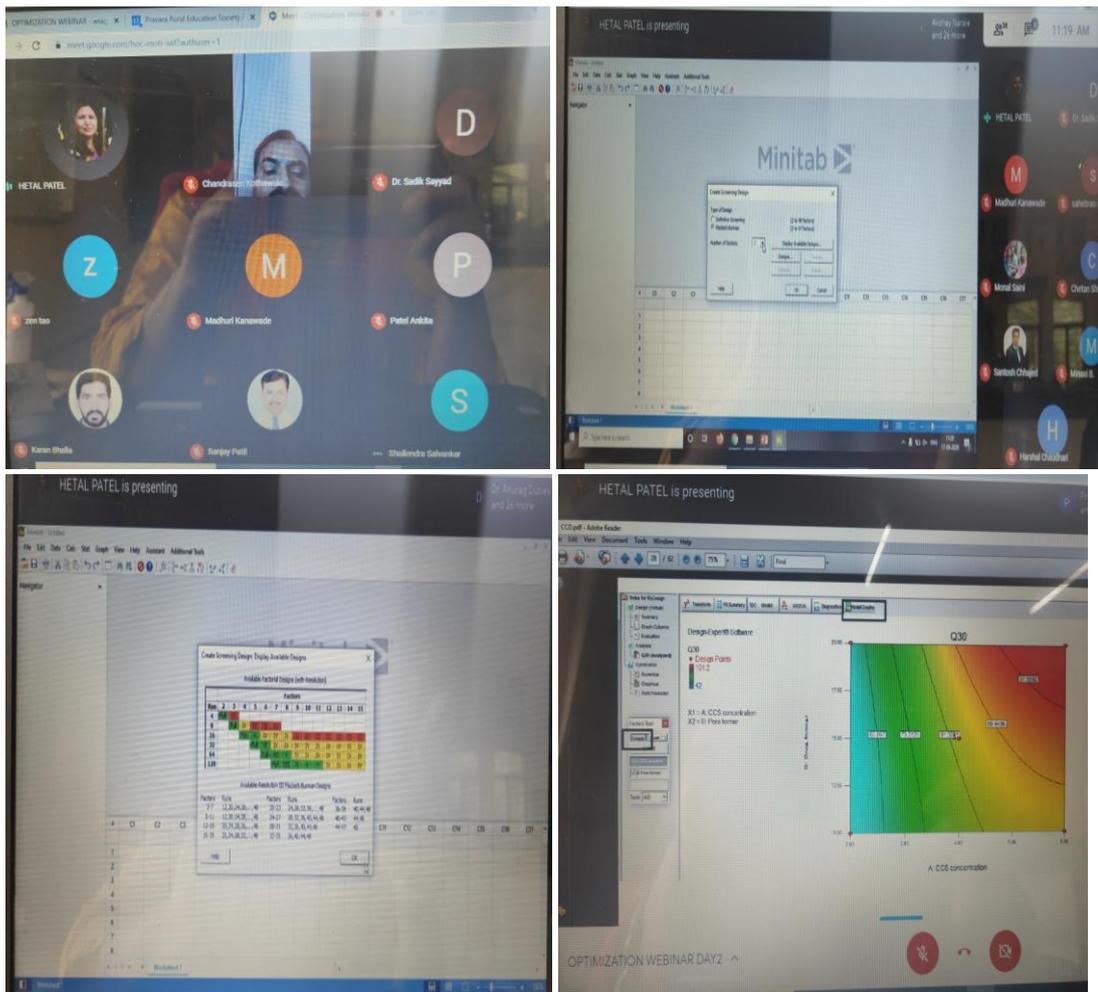
Contact : +91-9082087537, +91-8692820106 pharmaelite17@gmail.com



Webinar on "Strategy for GPAT and NIPER preparation" in association with Pharma Elite on 13<sup>th</sup> June 2020



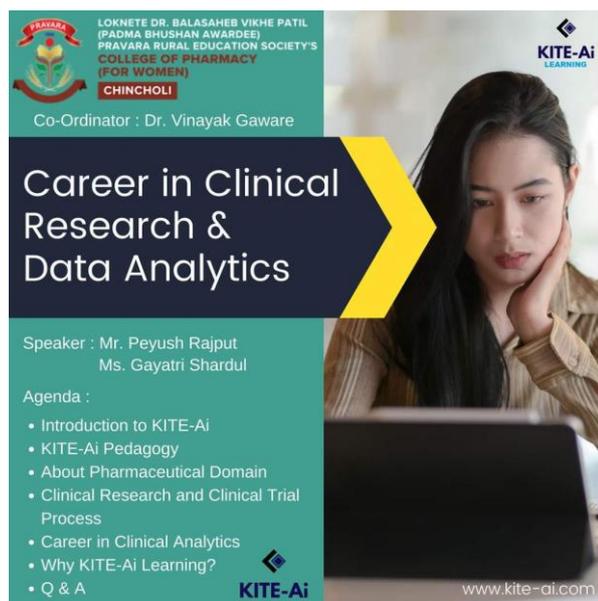
**Webinar on "HPTLC: Technique and Pharma application" in association with Anchrom Enterprises (I) Pvt. Ltd., Mumbai on 8<sup>th</sup> September 2020**



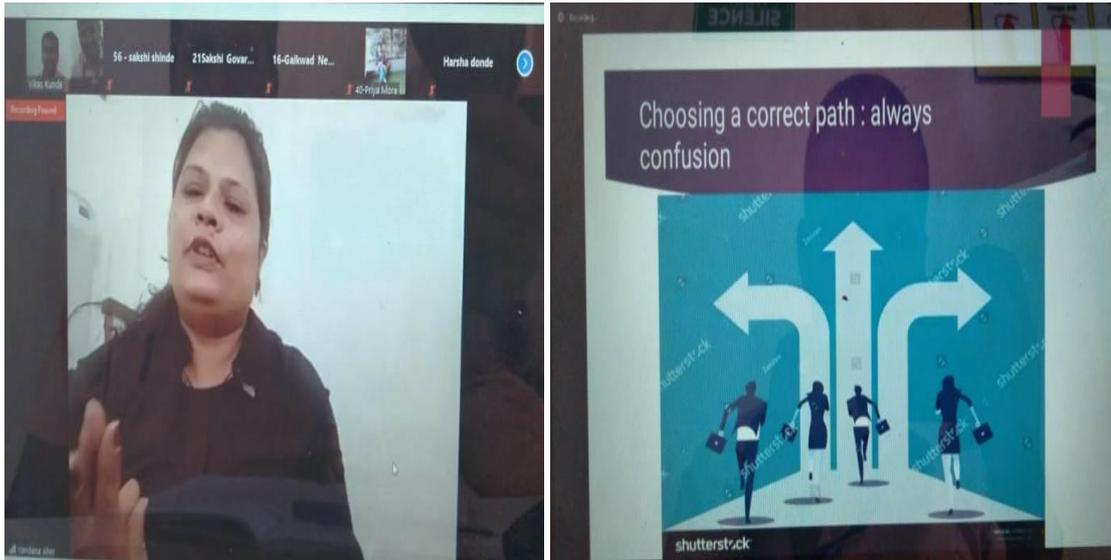
**National level Webinar on "Demonstration of Minitab and Design Expert software for optimization using case study" on 17<sup>th</sup> & 18<sup>th</sup> September, 2020**



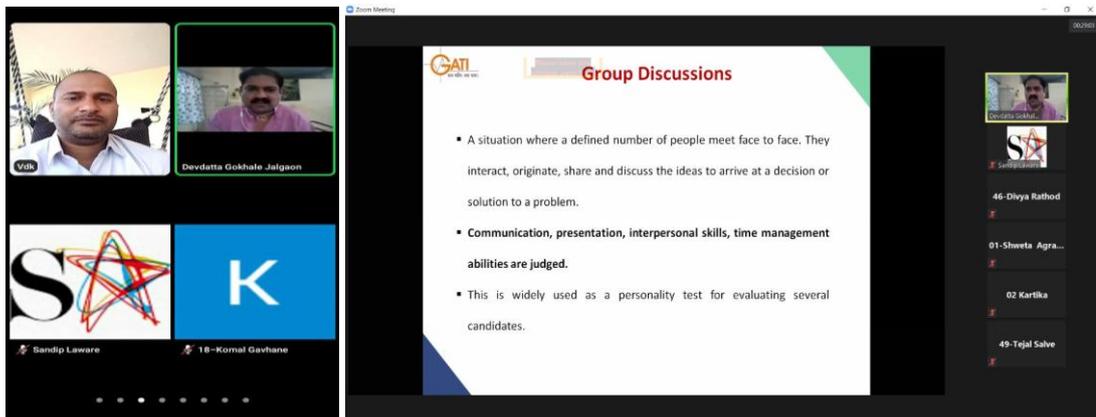
Webinar on, "Career in competitive exam for graduate students" in association with The Unique Academy, Pune on 23<sup>rd</sup> September 2020



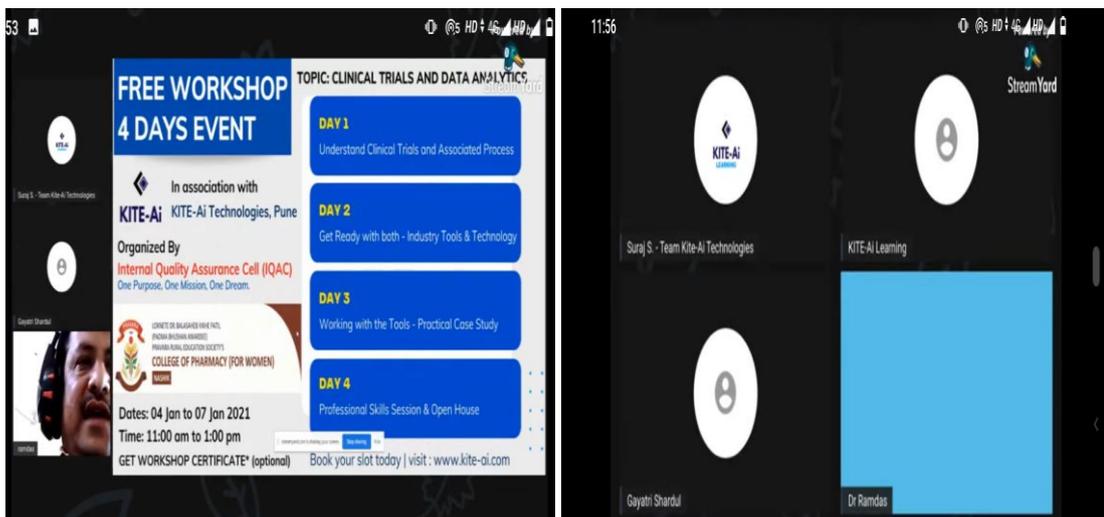
Webinar on Career in Clinical Research and Data Analytics in Association with KITE-AI Technologies, Pune on 9<sup>th</sup> October 2020



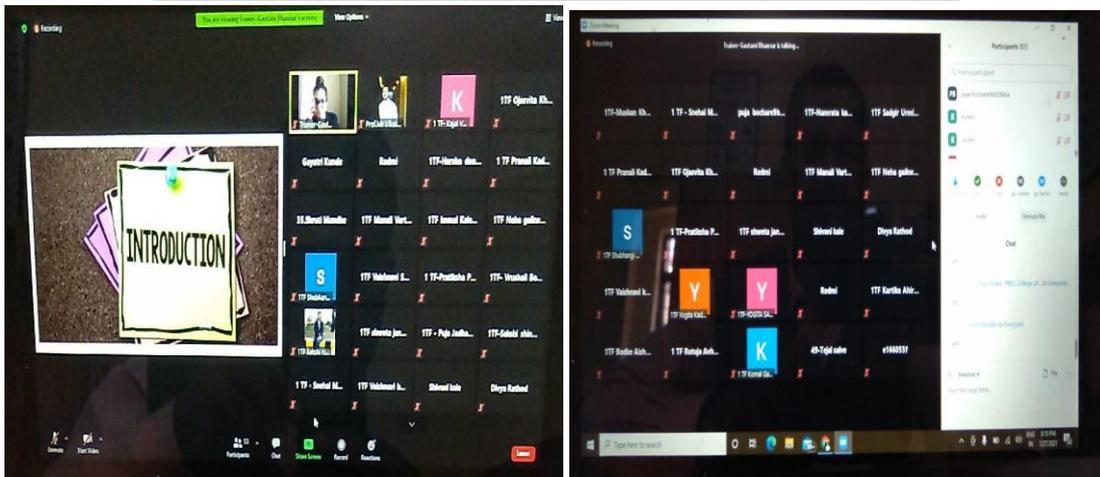
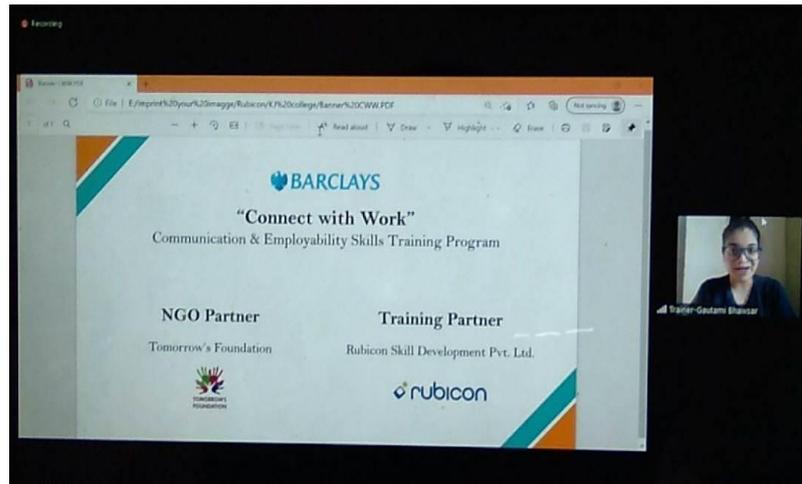
**Webinar on "How to select the right career path after B. Pharmacy" on 13<sup>th</sup> October 2021**



**An online workshop on "Employable Skill Enhancement" in association with Gokhale's Advanced Training Institute on 9<sup>th</sup> December 2020**



**Workshop on "Clinical Trials and Data Analytics" in Association with KITE-AI Technologies, Pune on from 4<sup>th</sup> January 2021 to 07<sup>th</sup> January 2021**



Conducted Career and employability skill enhancement programme in co-ordination with Rubicon Skill Development Pvt. Ltd., Pune during 28th Jan - 6th February 2021



Webinar on "Importance of Profession Ready Training And Placement Program" in association with Clini India, Pune on 5th April 2021

EXTENSION ACTIVITIES



**“Swach Wari- Swasth Wari- Nirmal Wari Harit Wari” program “Awkening of non-conformity and misunderstanding regarding cleanliness and decontamination as well as Covid-19” (30<sup>th</sup> June 2020 to 7<sup>th</sup> July 2020)**



**Launch of Fit India Youth Club\_Walking with Friend and Family Members  
\_August 2020**



**A virtual parent-teacher meeting of First to Final year B. Pharm was organized on 17<sup>th</sup> September 2020**



**NATIONAL SERVICE SCHEME (NSS)**



**SEPTEMBER 24 NSS DAY**

**NOT ME BUT FOR YOU**

Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISHE Code No. C-44115

Address : At./Po. Chincholi, Tal. Sinnar, Dist. Nashik (M.S.) Pin : 422 102  
Ph No.: +91-2551-271178 | Website : www.pravara.in | Email - principal.bpharmwomennashik@pravara.in

**NSS Day on 24<sup>th</sup> September 2020**



**Vigilance Awareness Week on the theme "Vigilant India, Prosperous India" ("SATARKA BHARAT, SAMRUDHA BHARAT") from 27<sup>th</sup> Oct to 2<sup>nd</sup> Nov, 2020**



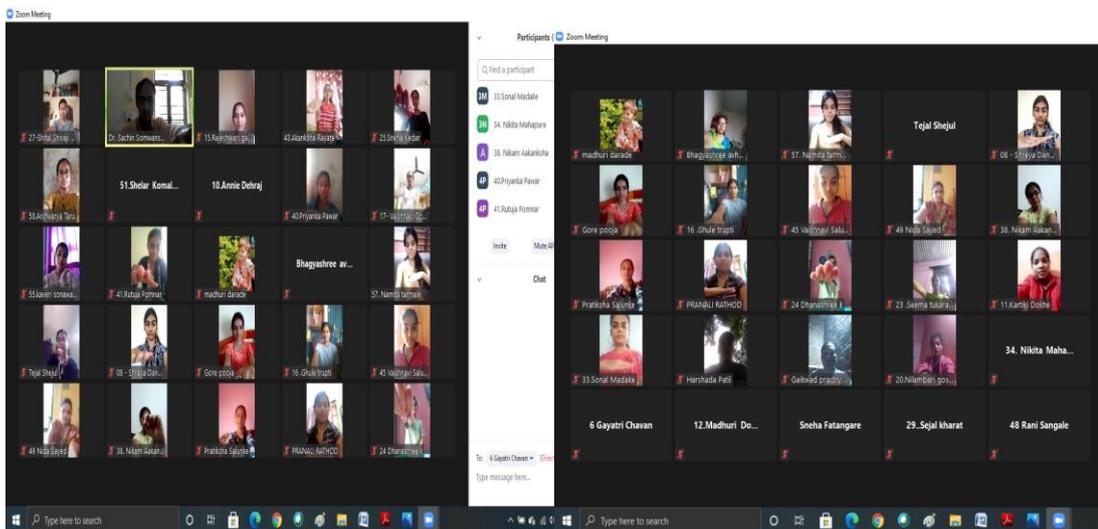
**National Unity Day Celebration on birth anniversary of Sardar Vallabhai Patel on 31<sup>st</sup> October 2020**



**National Education Day Celebration on 11<sup>th</sup> November 2020**



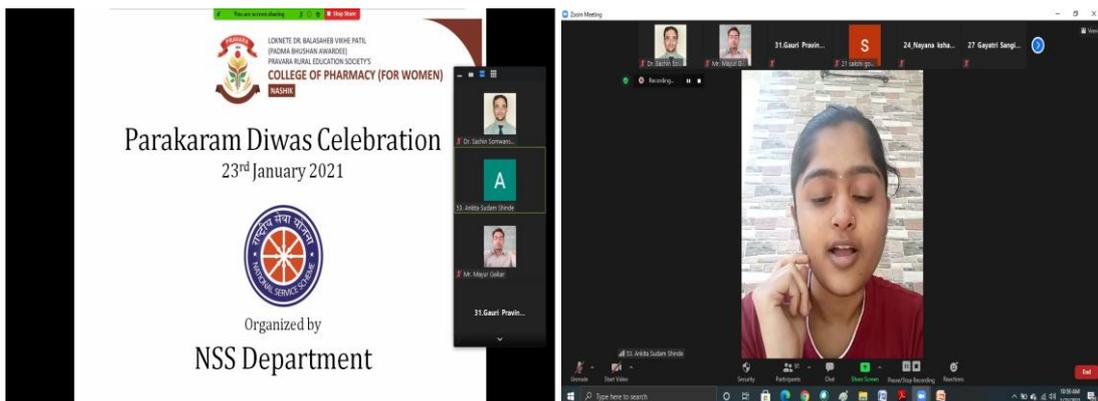
**Constitution Day Celebration on 26<sup>th</sup> November 2020**



**Mazi Vasundhara Week Celebration on 14<sup>th</sup> January 2021**



National Youth Week Celebration on 12<sup>th</sup> to 18<sup>th</sup> January 2021



Parakrama Diwas on the occasion of the 125<sup>th</sup> Birth Anniversary of Netaji Subhash Chandra Bose on 23<sup>rd</sup> January 2021





**National Voter Day celebration under Theme\_“Making our Voters Empowered, Vigilant, Safe and Informed” on 25<sup>th</sup> January 2021**



**Marathi Bhasha Sawardhan Pandharwada celebratin in bet 14<sup>th</sup> Jan 2021 to 28<sup>th</sup> Jan 2021**



**Tika Utsav: Covid vaccination festival from 11<sup>th</sup> to 14<sup>th</sup> April 2021**

**CULTURAL NEWS**



**74<sup>th</sup> Independence Day Celebration on 15<sup>th</sup> August 2020**

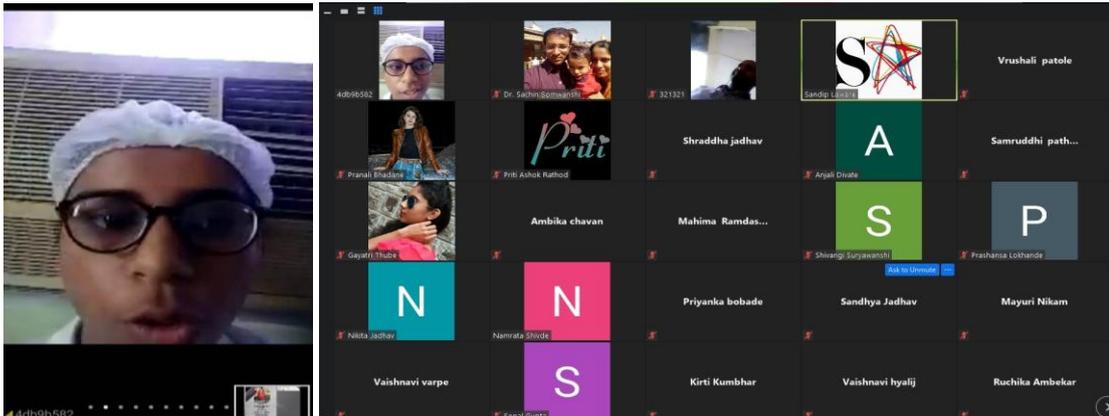


**Republic Day Celebration on 26<sup>th</sup> January 2021**



**Orientation Program for Newly admitted students of First Year B.  
Pharmacy Batch 2020-21 on 18<sup>th</sup> February 2021**

GUEST LECTURES/ ALUMNI INTERACTION



Conducted a Webinar on “Opportunities for B Pharm students in Production Area” by Eminent Alumni Ms. Shweta Pagar, IQAC Department, RAN Q Remedies PVT, LTD., Sinnar on 7<sup>th</sup> July 2020



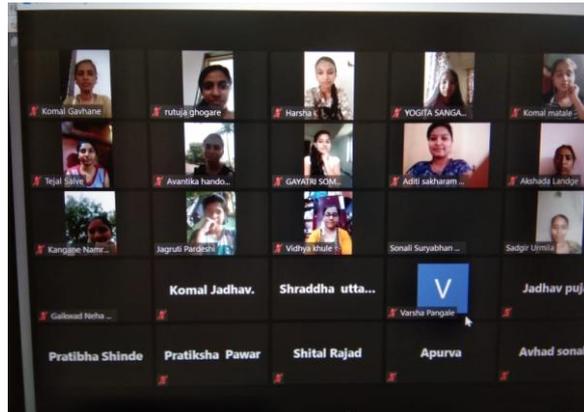
Interaction Session cum Webinar on "Preparation of GPAT" by Eminent Alumni Ms. Jignasha Mhatre, on 9<sup>th</sup> July 2020

*Ms. Gite Suvama.  
(M. Pharm. Quality Assurance.)*

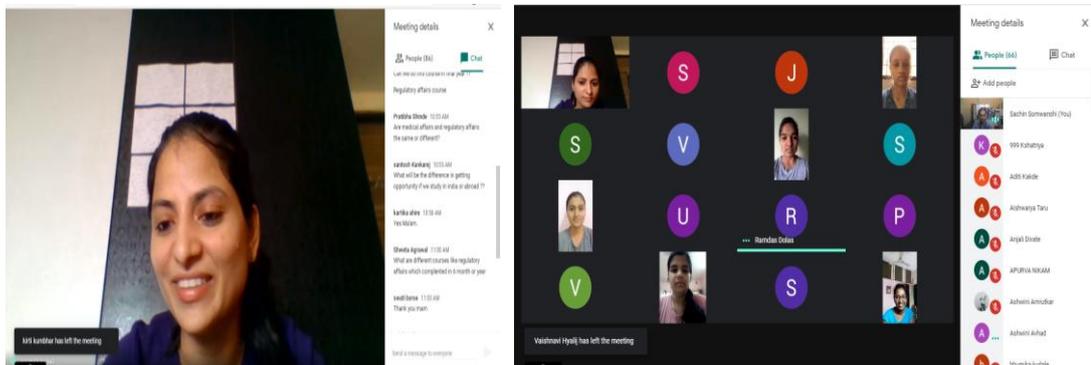
*Webinar on, opportunity in  
research and development  
department after m. pharm*



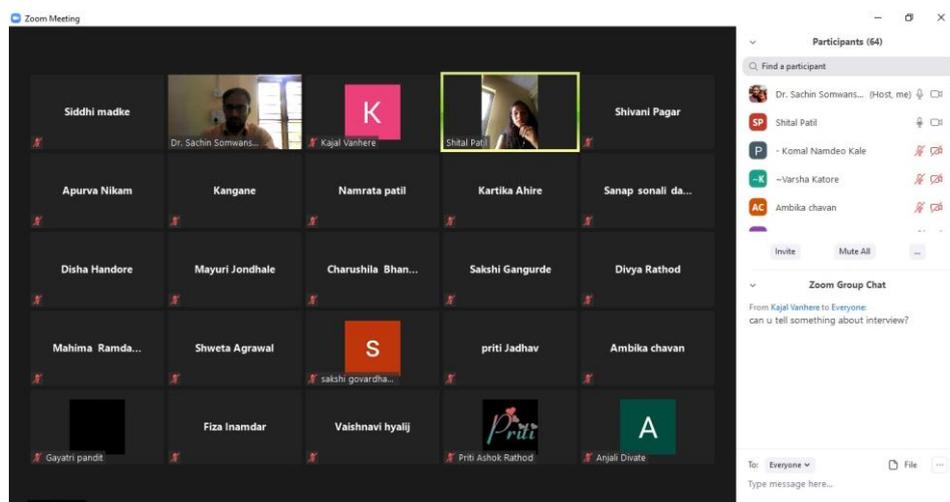
Interaction Session cum Webinar on "Opportunities in R&D department" by Eminent Alumni Ms. Suvarna Gite, on 9<sup>th</sup> July 2020



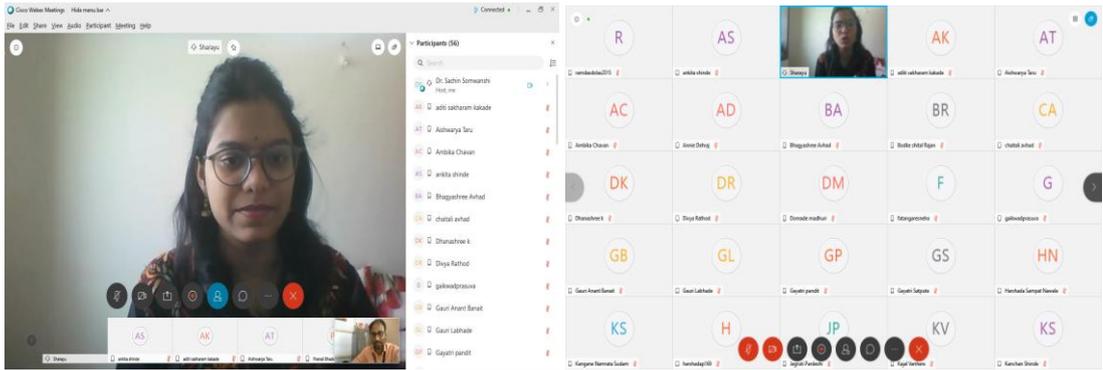
**Interaction Session cum Webinar on "Opportunities for B. Pharm Students in Foreign" by Eminent Alumni Ms. Manisha Bhadange, Health Officer, Department of Pharmacy, Dubai, on 13<sup>th</sup> July 2020**



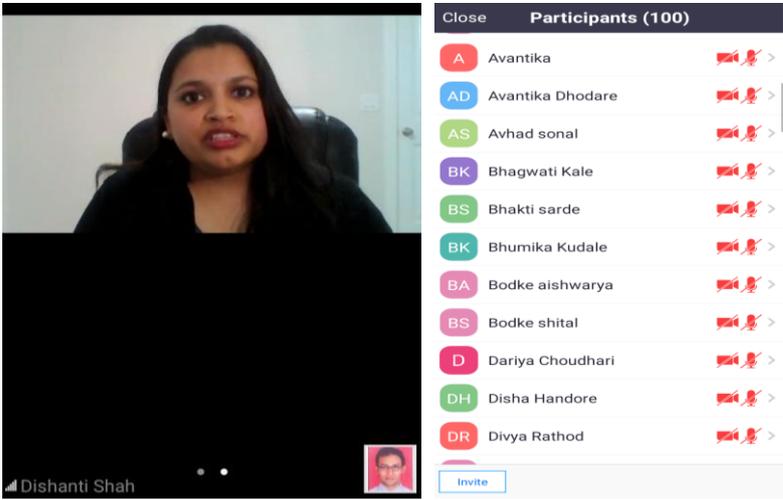
**Interaction Session cum Webinar on "Career insights on Drug Regulatory Affairs" by Eminent Alumni Ashvini Avhad, Assistant Manager, RA, Abbott Healthcare Pvt. Ltd., Mumbai on 25<sup>th</sup> July 2020**



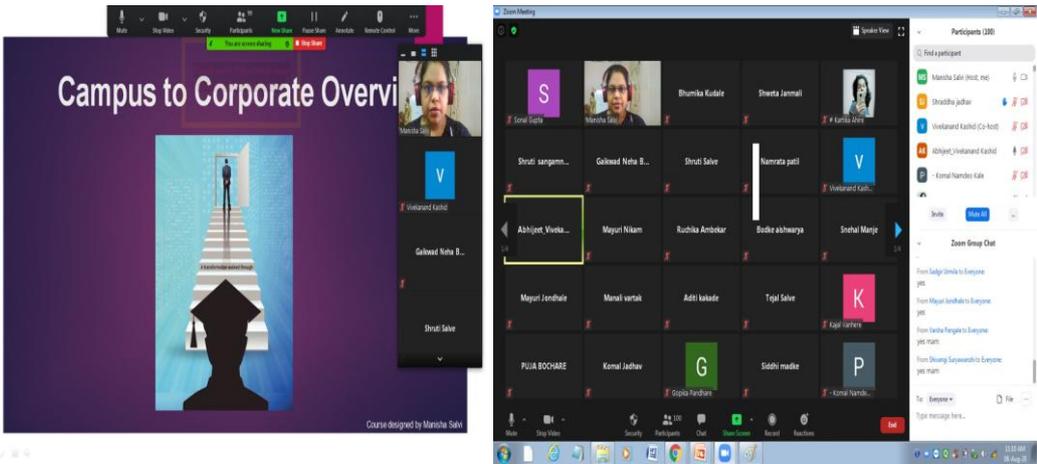
**Interactive Session cum Webinar on "'AMV industrial perspective "' by Eminent Alumni Ms Shital Patil, Research Scholar n Assistant Professor, MGV's, College of Pharmacy, Panchavati, Nashik on 27<sup>th</sup> July 2020**



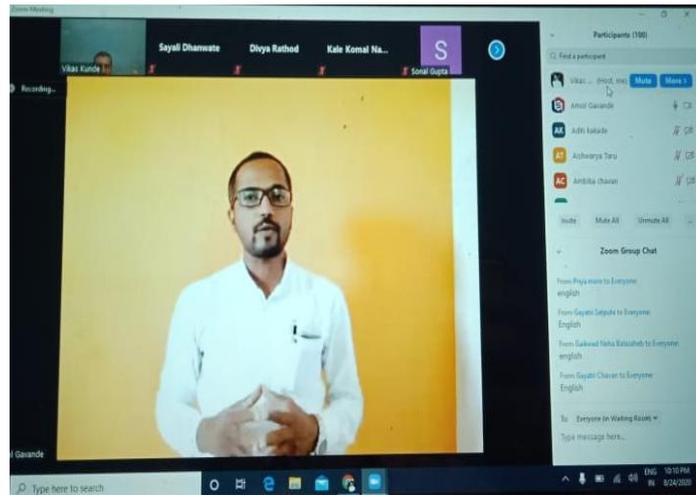
**Interactive Session cum Webinar on "Personality Development and Motivation through Different Theroy" by Eminent Alumni Ms. Sharyu Jadhav, RJ, Akashwani Kendra, Nashik on 27<sup>th</sup> July 2020 at afternoon session**



**Interactive Session by Eminent Alumnu Ms Dishanti Shah on 8<sup>th</sup> August 2020**



**Conducted A webinar on "Overview session on Campus to Corporate"\* by Trainer Manisha Salvi to develop our personality while transitioning from college life to work life on 8<sup>th</sup> August 2020**



**Conducted a Session on "Career opportunities in Pharma Industries" by Amol Gavande, CEO Smartchem on 25<sup>th</sup> August 2020**

COLLEGE INFRASTRUCTURE



RESOURCES AVAILABLE



OTHER FACILITIES





ADVERTISEMENTS

**DOLPHIN® - THE PHARMACY PEOPLE®**

Pharmaceutical Instruments,  
 Scientific and Surgical Instruments,  
 Medical & Research Laboratory Equipments, Glassware, Apparatus,  
**OZONE®** Chemicals, Rare & Research Chemicals,  
**GENUINE®** Crude Drugs, Oils, Waxes, Fibers, Resinoids etc.



VACCUM ROTARY EVAPORATOR



FLUID BED DRYER



KYMOGRAPH



PILL MAKING MACHINE



CHEMICALS / CRUDE DRUGS / OILS



DIFFUSION CELL APP.



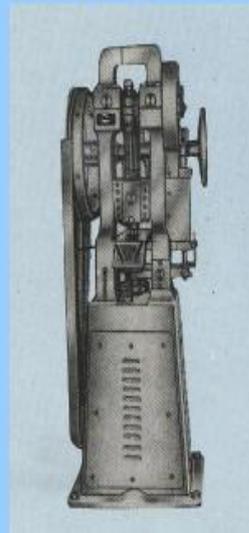
ANTIBIOTIC ZONE READER DIGITAL



FILTER PRESS



CAPSULE MACHINE



TABLETING MACHINE

**OTHER PRODUCTS :**  
 ALL PURPOSE LAB.EQUIP.  
 ORGAN BATH  
 DIGITAL ACTIVITY CAGE  
 DIG. ANALGESIOMETER  
 DIG. POLE CLIMB. APP.  
 LANGENDORFF'S APP.  
 DISSOLUTION APP.  
 DOUBLE CONE BLENDER  
 SIGMA MIXER  
 PLANETARY MIXER  
 H.P.L.C., U.V., F.T.I.R., G.C.  
 VISCOMETER  
**ANIMAL HOUSE EQUIP**  
 ALL  
 TABLET SECTION,  
 LIQUID SECTION,  
 OINTMENT SECTION,  
 AMPOULE SECTION,  
 MACHINERY

**SPECIALIST IN DOLPHIN® LABORATORY / R&D MACHINERY / INSTRUMENTS**

**DOLPHIN PHARMACY INSTRUMENTS Pvt. Ltd.**

J.B.F. House, Ground Floor, 13, Old Post Office Lane,  
 Kalbadevi Road, MUMBAI - 400 002.

Off : +91 22 2208 1735 , 2205 3822 , 6610 8611

Fax : + 91 22 - 2205 11 81

Cell : +91 98204 84924, 98204 84925.

E-mail : [info@thepharmacypeople.com](mailto:info@thepharmacypeople.com)  
[dolphinraj@rediffmail.com](mailto:dolphinraj@rediffmail.com)

web : [www.thepharmacypeople.com](http://www.thepharmacypeople.com)  
[www.dolphinraj.com](http://www.dolphinraj.com)  
[www.pharmacyinstrumentsindia.com](http://www.pharmacyinstrumentsindia.com)



AE

**AARAV ELECTROMECH**

AE

**PHARMACY INSTRUMENT REPAIRING**

**OUR SERVICES.**

**ALL TYPE**

- |                          |                                     |
|--------------------------|-------------------------------------|
| 1. Compression m/c.      | 9. Heating mantles                  |
| 2. Weight balances.      | 10. Stirrers.                       |
| 3. Organ bath            | 11. Stability & humidity chambers   |
| 4. Sherrington drums.    | 12. Microwave ovens.                |
| 5. COD & BOD Incubators. | 13. Microscope                      |
| 6. Autoclave.            | 14. Lab cooling frieze & De frieze. |
| 7. Dissolution tester.   | 15. Ph. meters                      |
| 8. Hot air ovens.        | 16. Vacuum pumps.                   |

**Contact Us**

Office. Mob - 9834846993 / 9209474821

E mail - aaravelectromech2017@gmail.com



**TulsiPharmaServices**  
**MO.7719842111**

*Customize all types of **first Aid Box** for  
Home, Company, Vehicles, Schools, Colleges.*



**AVDHOOT XEROX AND  
STATIONARY**

YOUR PRINT SOLUTION

**MADHUKAR KISANRAO  
GAWARE PATIL**

Owner

8390791023

✉ avdhootxerox@gmail.com

☎ 9890216731

📍 Dream-Mini Market E4 Jail Road Nashik 422101



## NEWS REPORTED 2020-21

फार्मसी कॉलेजच्या  
विद्यार्थिनींची निवड

पूजा ढोली सुजाता आगळे

नाशिकरोड : प्रवरा ग्रामीण शिक्षण संस्था संचालित चिंचोली येथील कॉलेज ऑफ फार्मसी फॉर वूमन या कॉलेजमधील दोन विद्यार्थिनींची महाविद्यालयाच्या उपक्रमांतर्गत औद्योगिक वसाहतीतील कंपन्यांत निवड झाली आहे. पूजा ढोली या विद्यार्थिनीची विंटेक फार्मास्युटिकल्स कंपनीमध्ये, तर सुजाता आगळे या विद्यार्थिनीची पॅटससन मल्टिटेक लिमिटेड या कंपनीमध्ये निवड झाल्याची माहिती प्राचार्या डॉ. चारुशीला भंगाळे यांनी दिली. प्रवरा ग्रामीण शिक्षण संस्थेच्या पदाधिकाऱ्यांसह त्यांना मार्गदर्शन करणाऱ्या डॉ. विवेकानंद काशीद, प्रा. किरण ढमक, डॉ. सचिन सोमवंशी, डॉ. रामदास डोळस आदींनी या निवडीचे स्वागत केले आहे.

प्रवरा फार्मसीचे प्रा. विक्रांत ढमक  
दिसणार डीटीएच स्वयम प्रभामध्ये

लोणी (वार्ताहर) - प्रवरा ग्रामीण शिक्षण संस्थेच्या सिन्नर कॉलेज ऑफ फार्मसी फॉर वूमन महाविद्यालयातील प्रा. विक्रांत ढमक यांना मनुष्यबळ विकास मंत्रालयाने कार्यान्वित केलेल्या डीटीएच स्वयम प्रभा मध्ये संधी मिळाली आहे.



प्रवरा ग्रामीण शिक्षण संस्थेने लॉकडाऊन मध्ये व्यावसायिक अभ्यासक्रमासाठी ई लर्निंग सुविधा सुरू केली. याचा फायदा घेत प्राध्यापक विक्रांत ढमक यांनी मोठ्या प्रमाणात सॉफ्टवेअर ई-कन्टेंट तयार करण्यासाठी चापरले जात असल्याची माहिती जाणून घेतली आणि विद्यार्थ्यांनाही त्याचा लाभ होईल यादृष्टीने काही व्हीडीओ युट्यूबवर अपलोड केले. याचा फायदा असा झाला की प्रा.ढमक यांना आयायटी मद्रास यांच्याकडून व्हीडिओ लेक्चर तयार करण्यासाठी संधी मिळाली. बीएसी इन बायोमेडिकल सायन्समधील मेडिकल केमेस्ट्री व बीफार्मच्या द्वितीय वर्षातील ऑर्गेनिक केमेस्ट्री पार्ट टू या विषयासाठी प्रा.ढमक लेक्चर देणार आहेत. पद्मभूषण डॉ.बाळासाहेब विखे पाटील प्रवरा ग्रामीण शिक्षण संस्थेच्या सिन्नर येथील फार्मसीचे प्राध्यापक डॉ.किरण कौताडे आणि गोखले फार्मसी कॉलेज नाशिकचे प्राचार्य डॉ.सुनील प्रभुतकर हे अकॅडेमिक एक्स्पर्ट म्हणून या विषयासाठी काम करत आहेत. लवकरच हे लेक्चर डीटीएच स्वयम प्रभा चॅनेल १५ वरती दिसणार आहे.



कोरोनाच्या पार्श्वभूमीवर सुरक्षित वावरचे पालन करून परीक्षा आयोजित करणेदेखील अति जोखमीचेच होते. अशा बिकट परिस्थितीत विद्यार्थी आरोग्य व त्यांची सुरक्षितता जास्त महत्त्वाची ठरते. आयुष्य टिकले तर परीक्षा कधीही देता येणे शक्य आहे. परंतु, आयुष्यच संपले तर परीक्षा कशी देणार. त्यामुळे प्रवेश परीक्षा लांबणीवर टाकण्याचा निर्णय योग्यच आहे. - डॉ. चारुशीला भंगाळे



सिडको : राज्यस्तरीय वक्तृत्व स्पर्धेतील विजेत्यांसमवेत किरण सोनार, राजाभाऊ शर्मा, नीलिमा साठे, यू. के. आहिरे, कौशल वखारकर, तुषार गुरम आदी.

## 'लक्ष वक्ता' वक्तृत्व स्पर्धा उत्साहात

सिडको : पुढारी वृत्तसेवा लक्ष वक्ता आयोजित राज्यस्तरीय वक्तृत्व स्पर्धा व्ही. एन. नाईक अभियांत्रिकी महाविद्यालयात उत्साहात झाली. पारितोषिक वितरणप्रसंगी साहित्यिक किरण सोनार, परीक्षक राजाभाऊ शर्मा, नीलिमा साठे, यू. के. आहिरे, लक्ष वक्ताचे कौशल वखारकर, तुषार गुरम उपस्थित होते. सोनार म्हणाले, वक्तृत्व ही कला असून, तिची साधना गरजेची आहे. त्यासाठी वाचन, मनन, चिंतन आणि देहबोली याचा अभ्यास करणे आवश्यक असते.

## स्पर्धेचा निकाल :

विभागून प्रथम क्रमांक विजेते : प्रसाद जगताप, गायत्री कुंदे. द्वितीय क्रमांक : यश पाटील, विशाल कानकाटे. तृतीय क्रमांक : महेश उशिरे, अजय वाच. उत्तेजनार्थ विभागून : अनिकेत ढोमाले, निकिता कानकुंदे.

वक्तृत्व स्पर्धामुळे संवेदनशील युवक समाजासाठी घडत असून, भविष्यात हेच युवक चांगला समाज घडविण्यासाठी बहुमूल्य योगदान देतील.

यावेळी परीक्षक राजाभाऊ शर्मा, नीलिमा साठे, यू. के. आहिरे यांनी मनोगत व्यक्त केले. विजेत्यांना

रोख रक्कम, चषक आणि भेटवस्तू मान्यवरांच्या हस्ते देण्यात आली. प्रारंभी सुहास खाडे, पलारा तांदळे यांनी शुभेच्छा दिल्या. निकिता कातकाडे हिने सूत्रसंचालन केले तर स्पर्धा यशस्वीतेसाठी कौशल वखारकर, तुषार गुरम आणि रोहित येलमामे यांनी परिश्रम घेतले.

## ऑनलाईन रांगोळी स्पर्धेत शिंदे, टुबे प्रथम

पारनेर । नगर सहाय्यी न्यू आर्टस्, कॉमर्स अँड सायन्स कॉलेज पारनेर, सांस्कृतिक विभाग व वाचनवाट। युट्यूब चॅनेल यांच्या संयुक्त विद्यमाने दिपावली निमित्त भव्य ऑनलाईन रांगोळी स्पर्धा आयोजित करण्यात आले होते. या स्पर्धेत महाराष्ट्रातील २३ स्पर्धकांनी सहभाग घेतला. यामध्ये प्रामुख्याने सातारा, सांगली, कोल्हापूर, जळगाव, वर्धा, मुंबई, अहमदनगर, नाशिक, औरंगाबाद,



पुणे, सोलापूर या जिल्हयांतून स्पर्धकांनी सहभाग घेतला. या स्पर्धेत पर्यावरण, कोरोना जनजागृती, वृक्षारोपण, स्वच्छता, बेटी बचाओ बेटी पढाओ अशा विविध विषयांवर रांगोळ्या काढण्यात आल्या. या स्पर्धेत प्रथम क्रमांक (विभागून) अंकिता शिंदे (नाशिक), श्रुती टुबे (अहमदनगर), द्वितीय क्रमांक (विभागून) चेडे जयश्री (पारनेर), विजया भट (धुळे), तृतीय क्रमांक (विभागून) श्रध्दा डेरे (कल्याण), कल्याणी गायकवाड (पारनेर), उत्तेजनार्थ (विभागून) मधुरा गोदाणे (वर्धा), प्रशांत पेहेरे (नेवासा) अशा पद्धतीने विद्यार्थ्यांनी क्रमांक प्राप्त केले.

या स्पर्धेमधील यशस्वी स्पर्धकांचे, सहभागी स्पर्धकांचे व स्पर्धेच्या यशस्वी आयोजनासंदर्भात अहमदनगर जिल्हा मराठा विद्या प्रसारक समाज संस्थेचे अध्यक्ष नंदकुमार झावरे पाटील, उपाध्यक्ष रामचंद्र दरे, सचिव जी. डी. खानदेशे, सहसचिव विद्यासराव आठरे पाटील, खजिनदार डॉ. विवेक भापकर, ज्येष्ठ विश्वस्त सिताराम खिलारी, पारनेर पंचायत समितीचे माजी सभापती व विद्यमान सदस्य राहुल झावरे पाटील, महाविद्यालयाचे प्राचार्य डॉ. रंगनाथ आहरे, उपप्राचार्य डॉ. दिलीप टुबे या सर्वांनी कौतुक केले आहे. या स्पर्धेचे संयोजन

### विद्यार्थ्यांच्या विकासासाठी स्पर्धा

विविध स्पर्धांतील सहभागामुळे विद्यार्थ्यांच्या व्यक्तीमत्त्वाचा सर्वांगीण विकास होण्यास मदत होते म्हणूनच रांगोळी स्पर्धेचे आयोजन महाविद्यालयाच्यावतीने करण्यात आले असल्याचे प्राचार्य डॉ. रंगनाथ आहरे यांनी सांगितले आहे.

प्रा. राणी शेख, प्रा. विद्या फंड यांनी केले. तर स्पर्धेचे परीक्षण डॉ. सरिता कुंडलिकर, प्रा. ज्योत्सना म्हस्के, डॉ. अनुराधा पराळे यांनी केले.

## प्रवरा कॉलेजच्या दोन जणींना नोकरी



प्रियंका बोटे निशा पगार

म. टा. वृत्तसेवा, नाशिकरोड

प्रवरा ग्रामीण शिक्षण संस्थेच्या चिंचोली (ता. सिन्नर) येथील औषध निर्माणशास्त्र महिला महाविद्यालयाच्या दोन विद्यार्थिनींना औषधनिर्मिती कंपन्यांमध्ये प्लेसमेंट मिळाली असल्याची माहिती प्राचार्या डॉ. चारुशीला भंगाळे यांनी दिली.

प्रियंका बोटे हिची सिन्नर येथील एन. व्ही. फार्मा या कंपनीत तर निशा पगार या विद्यार्थिनींची नाशिकमधील ऑक्सयजन प्रा. लिमिटेड कंपनीत औषधनिर्माता या पदावर निवड झाली आहे. प्रा. डॉ. आर. टी. डोळस, व्ही. डी. कुंदे आदींनी प्रयत्न केले.



### College QR Code



Like us on: [facebook.com/copcfnashik](https://www.facebook.com/copcfnashik)



Follow us on: [twitter.com/ChincholiP](https://twitter.com/ChincholiP)

Approved by AICTE, Pharmacy Council of India, New Delhi and recognized by Govt. of Maharashtra  
AISHE Code No. C-44115

Address : At./Po. Chincholi, Tal. Sinnar, Dist. Nashik (M.S.) Pin : 422 102  
Ph No.: +91-2551-271178 | Website : [www.pravara.in](http://www.pravara.in) | Email - [principal.bpharmwomennashik@pravara.in](mailto:principal.bpharmwomennashik@pravara.in)

**\* For Private Circulation Only**