Varshgrantha
2020-21

INDEX

About College

Vision

"To nurture excellence in pharmacy profession and mould the institution into a center of deft pharmacy professionals."

Mission

"We are committed to deliver quality pharmacy education in order to mould the learners into globally competitive pharmacists who are professionally, intellectually adept and socially responsible."

Goal

"We look forward to having the privilege of continuing to earn confidence in respect to quality pharmacy education in the year to come. We can never forget age live in competitive educational environmental in era of globalization. We will continue to strive for improvement promising to deliver the very best and component pharmacist, valuable asset of community. This is our goal at Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda, that goal will never change. "

Dream

"To strengthen pharmacist of new era who can developed latest pharmaceutical expertise and facilities in order to deliver high tech and individually tailored medicines in the primary care setting."

DECLARATION
FORM IV

Statement about ownership & other particulars about the magazine

Name of Magazine	*Varshgrantha*
Place of Publication	**Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda-425107, Maharashtra, India**
Periodicity of Publication	**Annual**
Publisher's Name	**Principal**
Nationality	**Indian**
Address	**Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda-425107, Maharashtra, India**
Editor In Chief	**Mrs. Suvarnalata S. Mahajan**
Co-editors	**Mrs. K. D. Patil, Mrs. P. N. Jadhav, Ms. P. V. Patil**
Nationality	**Indian**
Address	**Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda-425107, Maharashtra, India**
Cover Page Design	**Tejal Agrawal Second Year B. Pharm**
Name & Address of Individuals who own the Magazine partner or shareholder holding more than one percent of total capital	**Principal, Dr. Gautam P. Vadnere Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda-425107, Maharashtra, India**

I Dr. Gautam P. Vadnere, hereby declare that the particulars given above are true to the best of my knowledge.

Signature of the

Publisher

Sd/

Dr. Gautam P. Vadnere

Disclaimer: The opinions expressed in the articles are those of the Writers.
Editors is not responsible for their views & opinion.

OUR INSTITUTION

Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda was established in 1992 as self-financed Pharmacy College in the KBC North Maharashtra University, (NMU) Jalgaon. The institution has made a steady progress during last 29 years. In the year 2006 with the intention of making this institution a center of higher learning, started M. Pharm in Pharmaceutics (2006), later M. Pharm in Pharmacognosy (2007) and center for Ph. D. in Pharmaceutical Sciences (2011). All the courses conducted in this Institution are recognized by Pharmacy Council of India, New Delhi, and All India Council for Technical Education, New Delhi. B. Pharm, M. Pharm and Ph. D. courses are affiliated to KBC North Maharashtra University (KBCNMU) Jalgaon. Institute had certified an ISO 9001-2008 in 2014 for quality management services. In the academic year 2016-17 college had achieved **accreditation** of B. Pharm Course by **National Board of Accreditation (NBA)** New Delhi and then we also had the privileged to get **re-accreditation** by NBA in the year 2019-20. Institute had recognized under section 2(f) from UGC, New Delhi in 2017. In the academic year 2020-21 institute has started **"Diploma in Pharmacy"** course affiliated to **Maharashtra State Board of Technical Examination** (MSBTE) and recognized by PCI and AICTE and DTE.

OUR PIONEER

Late Hon. Smt. Akkasaheb Sharadchandrika Suresh Patil

Ex Minister of Education, Maharashtra State.

OUR PATRON

Late Hon. Dr. Dadasaheb Suresh G. Patil
Founder President
Mahatma Gandhi Shikshan Mandal's
Chopda, Dist-Jalgaon

Hon. Adv. Bhaiyasaheb
Sandeep Suresh Patil
President, Mahatma Gandhi
Shikshan Mandal's,
Chopda, Dist-Jalgaon

Hon. Taisaheb
Dr. Smita Sandeep Patil
Secretary, Mahatma Gandhi
Shikshan Mandal's,
Chopda, Dist-Jalgaon

Hon. Taisaheb Asha V. Patil
Vice President Mahatma Gandhi Shikshan Mandal's,
Chopda, Dist-Jalgaon
SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

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Assistant Professor,
Department of Pharmaceutics

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Assistant Professor,
Department of Pharmacognosy

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Assistant Professor,
Department of Pharmaceutics

Co -editor
Mrs. Priyanka V. Patil
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- Sachin K. Patil   (Final Year B. Pharm)

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

MESSAGE

Prof. P. P. Patil
Hon'ble Vice Chancellor
Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon

I am happy to know that Smt. Sharadchandrika Suresh Patil College of Pharmacy is bringing out annual magazine "**Varshgrantha**" in the form of E-Magazine.

It is appreciable that this year the editorial team is working on topic **"Digital Pharmacist**" which includes sub topics such as **artificial intelligence, IT in Pharmacy and online learning** etc. which is very much relevant to the increasingly mobile world.

Articles included in this e-magazine will provide a basic understanding of all aspects of computing, a concise and Practical general introduction of pharmacy IT and its application to pharmacy practice. I am sure that the information contained in this magazine will encourage the pharmacy professionals to adopt advanced technology in pharmacy profession and achieve new professional aspirations. While this magazine will be a useful source for all involved in pharmacy IT, it is expected that the benefits and risks associated with the use of IT will also be described in this magazine.

My best wishes to E-Magazine **'Varshgrantha"**

(Prof.P.P.Patil)
Vice-Chancellor

MESSAGE
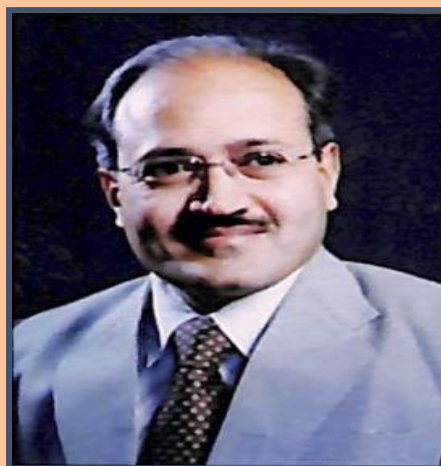
**Hon. Adv. Bhaiyasaheb
Sandeep Suresh Patil**
President, Mahatma Gandhi Shikshan Mandal's,
Chopda, Dist-Jalgaon

"Knowledge is power. Information is liberating, Education is the premise of progress, in every society, in every family."

Dear Reader's,

I have great pleasure in conveying my best wishes to all of you. Annual Magazine is a platform for students to display their innate talent in literary and cultural spheres. It is a matter of great pride that the college has made consistent progress, year on year in academics and co-curricular activities.

In this pandemic year I am happy to know that this year our students worked on topics like **'Digital pharmacist, Artificial intelligence, It in Pharmacy and Online learning** etc. and created **"Varshgrantha-2021"** in the form of **e-magazine** with **'QR code'**.

I take this opportunity to congratulate the Principal Dr. G. P. Vadnere and his team of committed staff members for their commitment towards value based quality teaching and generous efforts put in to ensure that each student is cared for in the college.

All the best!

MESSAGE

Hon. Taisaheb
Dr. Smita Sandeep Patil
Secretary, Mahatma Gandhi Shikshan Mandal's,
Chopda, Dist-Jalgaon

Dear Reader's,

It is a matter of great pleasure for me to go through the wonderful contributions made by the students. The college magazine is an opportunity which could properly be used for recording events, celebrations and creative writing. I am sure that this **e-magazine "Varshgrantha-2021"** will be very informative and resourceful. It contains articles on topics such as **Digital pharmacist, Artificial intelligence, IT in Pharmacy** and **Online learning** which is useful in today's digital age.

I am sure that under the skillful teamwork, the college has gained continuous achievements that will add a great luster to the college. Finally I congratulate the Principal, staff and students for making an impressive issue of **"Varshgrantha-2021."**

I wish you all happiness in your lives… Go forth and do yourselves proud!

MESSAGE

Prof. Dr. Gautam P. Vadnere
Principal, Smt. Sharadchandrika Suresh Patil,
College of Pharmacy, Chopda

We are all proud that Smt Sharadchandrika Suresh Patil, College of Pharmacy has completed twenty nine academic years with starting this year **Diploma in Pharmacy** course recognized by PCI, AICTE, DTE and affiliated to Maharashtra State Board of Technical Examination (MSBTE). Our college have enriched the lives and lifestyles of more than a thousand students and staff. The college has made tremendous progress in all the areas of academics and non-academics, capacity building relevant to staff and students.

In this academic year our students have gathered information on topics such as Digital Pharmacist, IT in Pharmacy, Artificial intelligence and Online learning and produced the **"Varshgrantha-2020-21"** in the form of **e-magazine** with '**QR code**.'

I appreciate the efforts of the editorial team and congratulate them. Lastly I would like to say one quote of David Warlick here,

"We need technology in every classroom and in every student and teacher's hand, because it is the pen and paper of our time, and it is the lens through which we experience much of our world."

Happy Reading…!

MESSAGE

Editor-in- Chief
Mrs. Suvarnalata S. Mahajan

I am extremely happy to present **"Varshrantha-2021"** in the form of **e-magazine** with '**QR code**'. Articles included in this e-magazine on digital pharmacist, online learning, and artificial intelligence provides the complete understanding of these terms and their application.

"Digital Pharmacist is reimagining the pharmacist to patient relationship by providing innovative mobile pharmacy and patient engagement solutions .Digital Pharmacist provides community independent pharmacies with a digital and communications platform that includes branded websites, mobile apps, Interactive Voice Responses (IVR), digital marketing."

Nowadays we are taking learning platforms towards the next level through **E-learning** by using lots of technologies such as personalized learning is one of the most important area of education that has used **artificial intelligence**. In personalized learning, artificial intelligence helps you to find the best course material for you based on your identity, interests and your way of learning. Using a learning management system you can give personalized courses to each student. You can identify the weakness and strengths of the student, and create customized courses that will help students to concentrate more on their weakest part to improve it. Technology helps students to research subjects, share ideas and learn specific skills. Technology allows for such flexibility in learning that it is enabling our students to work in a more collaborative manner.

I would like to thank our management and Principal Dr. G. P. Vadnere for his esteem guidance, support and encouragement throughout the making of the Varshgrantha-2021."

Happy Readings…

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

MESSAGE

Co-editors

Mrs. Kranti Patil   **Mrs. Prerna Jadhav**   **Ms. Priyanka Patil**

Digital Pharmacy is the convergence of the digital revolution with pharmacy. It's how digital tools and technologies are used to improve pharmacy business, academics, practice and patient care.

In the era of the Internet-of-Things and digital health, the sheer number of companies creating products to measure and evaluate the human body is substantial. Similarly in education sector **E-Learning** has come into major limelight which has made distance go smaller between the student and the college. Thanks to the rapid advancement of technology, online learning is a part of many institution's course offerings around the world in this pandemic. From impactful online learning and everything in between, learning online has never been so easy! Advances in technology now allow students to study entirely online while still socializing with classmates, watching lectures and participating in subject-specific discussions. Also, in the pharma space, **Artificial intelligence** is working with researchers supporting the decision-making processes for existing drugs and expanded treatments for other conditions, as well as expediting the clinical trials process by finding the right patients from a number of data sources.

So our present publication, titled **"Varshgrantha-2020-2021**" on theme "Digital Pharmacy," is a great example of potraying the depth of research and development on technological advancements that has occurred in the past decade in all sectors of pharmacy. We are thankful to our Management, our Principal Sir and appreciate the efforts taken by all our students, faculty members to make this publication a success.

We wish everybody to have a great reading…..!

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

INSTITUTIONAL ACHIEVEMENTS

- In the academic year 2016-17 college had achieved **accreditation** of B. Pharm Course by **National Board of Accreditation (NBA)** New Delhi and then we also had the privileged to get re-accreditation by NBA in the year 2019-20.

- College had received **"GOLD"** rank under AICTE-C-II survey in the academic year 2020-21.

- College had recognized under section 2(f) from UGC, New Delhi in the year 2017.

- From the academic year 2020-21 college has started **"Diploma in Pharmacy"** course which is recognized by PCI and AICTE and DTE and affiliated to Maharashtra State Board of Technical examination (MSBTE).

- In the year 2019-20 under the scheme of MODROB Rural the AICTE had sanctioned the grant of Rs. 8, 75,659 to college.

- In the year 2019-20 under the scheme of MODROB Aspiring the AICTE had sanctioned the grant of Rs. 6.57,296 to college.

- AICTE sanctioned the grant of Rs. 190000/- to conduct the Short Term Training Programme (STTP) in the year 2020-21.

Program Educational Objectives (PEO's)

1. Promoting priorities in developing professional growth through skill based learning in Pharmacy Practices.
2. Maintaining professional ethics and sustainability for Life Long Learning.
3. Creating professional identity by motivating leadership skill having adaptability for technical advancement.

Program Outcomes (PO's)

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and manufacturing practices.

2**. Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

3. **Problem Analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

4. **Modern Tool Usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

5**. Leadership Skills**: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfilment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.

6. **Professional Identity**: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behaviour that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

9. **The Pharmacist and Society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

10. **Environment and Sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

11**. Life-Long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

College at Glance

SMT. SHARADCHANDRIKA SURESH PATIL

COLLEGE OF PHARMACY, CHOPDA.

(D. Pharm, B. Pharm, M. Pharm, Ph.D.)

Management   : Mahatma Gandhi Shikshan Mandal's Chopda, Jalgaon

Founder President   : Late Hon'ble Dadasaheb Dr. Suresh G. Patil

President   : Hon'ble Bhaiyasaheb Adv. Sandeep S. Patil

Principal   : Dr. Gautam P. Vadnere

Courses Offered

Course	Year of Establishment	Intake
B. Pharm	1992	100
M.Pharm(Pharmaceutics)	2006	10
M.Pharm(Pharmacognosy)	2007	10
Ph. D	2011	16
Diploma Pharmacy	2020	60

Faculty Strength

Teaching Total	33
Professor	02
Associate Professor	07
Assistant Professor	24
Non-Teaching	21

Society Land   : 33Acres

 Laboratories   : Under Graduate Program-13

                            Post Graduate Program-02

                              D. Pharm-03

Infrastructure and Facilities
(D. Pharm, B. Pharm, M. Pharm, Ph. D)

Department of Pharmaceutics

Department of Pharmacognosy

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Department of Pharmacology

Plant Tissue Culture Lab.

Demo of tissue inoculation

Department of Pharmaceutical Chemistry

Computer Laboratorory

Language Laboratory

Library Section

Classrooms   **Conference Hall**

Botanical Garden

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Our Affiliation

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

The university o awarded with FOUR STAR grade in the year 2001, B grade with 2.88 CGPA in the year 2009 and 'A' grade with 3.11 CGPA in 3rd Cycle re-accreditation in year 2015 by National Assessment and Accreditation Council (NAAC), Bangalore. As per the **National Institutional Ranking Framework (NIRF) - 2016** by Ministry of Human Resource Development, Government of India, **Kavayitri Bahinabai Chaudhari North Maharashtra University (Formerly known as North Maharashtra University) ranked 59th amongst top 100 Universities and Institutes in India**. *The academic year 2014-15 is a great milestone in the history of Kavayitri Bahinabai Chaudhari North Maharashtra University as it has completed the twenty five years voyage of higher education.*

Pharmacy Council of India (PCI)

The Pharmacy education and profession in India up to graduate level is regulated by the PCI, a statutory body governed by the provisions of the Pharmacy Act, 1948 passed by the Parliament.

➤ The Pharmacy Act 1948 was enacted on 4.3.48 with the following preamble- "An Act to regulate the profession of pharmacy. Whereas it is expedient to make better provision for the regulation of the profession and practice of pharmacy and for that purpose to constitute Pharmacy Councils".

➤ The PCI was constituted on 9.8.49 under section 3 of the Pharmacy Act.

Objectives

➤ Regulation of the Pharmacy Education in the Country for the purpose of registration as a pharmacist under the Pharmacy Act.

➤ Regulation of Profession and Practice of Pharmacy.

Directorate of Technical education Maharashtra (DTE)

The **DTE Maharashtra has more than 2000 educational institutions in the state use DTE Maharashtra exams.** The Directorate conducts entrance test including MH-CET, the state entrance test for admission in technical institute degree courses, including Diploma courses for Bachelor of Architecture and Bachelor of Hotel Management and catering technology. The Directorate is to maintain and enhance the quality of technical education by defining policies, developing government institutions, supervising private institutions, interacting with industry and national level institutions, coordinating with other state and national departments and organizations and to contribute to the development of industry society at large.

- Efficiently and effectively manage the Technical Education System, ensuring transparency and integrity.
- Develop Technical manpower to meet the needs of the economy.
- Elevate research levels in Technical Education system.

Website: dtemaharashtra.gov.in

National Board of Accreditation (NBA)

The NBA conducts evaluation of programs of technical institutes on the basis of laid down norms. This may include, but not limited to institutional missions and objectives, organization and governance, infrastructure facilities, quality of teaching and learning, curriculum design and review, support services (library, laboratory, instrumentation, computer facilities, etc.) and any other aspect as decided by the General Council and / or Executive Committee of NBA, which will help the graduates produced by the institutions as per industry requirements.

Major objective: To assess and accredit the technical education programs

All India Council for Technical Education (AICTE)

The **All India Council for Technical Education (AICTE)** is a statutory body, and a national-level council for technical education, under the Department of Higher Education. Established in November 1945 first as an advisory body and later on in 1987 given statutory status by an Act of Parliament, AICTE is responsible for proper planning and coordinated development of the technical education and management education system in India.

Objectives:
- Promotion of Quality in Technical Education.
- Planning and Coordinated Development of Technical Education System.
- Regulations and Maintenance of Norms and Standards.

Website: www.aicte-india.org

International Organization for Standardization (ISO)

The **International Organization for Standardization (ISO)** is an international standard-setting body composed of representatives from various national standards organizations. Founded on 23 February 1947, the organization promotes worldwide proprietary, industrial, and commercial standards. It is headquartered in Geneva, Switzerland and works in 165 countries.

Overview:

The International Organization for Standardization is an independent, non-governmental organization, the members of which are the standards organizations of the 165 member countries. It is the world's largest developer of voluntary international standards and it facilitates world trade by providing common standards among nations.

Website: www.iso.org

Library at Glance

ISO9001:2008Certified & NBA Accredited B. Pharm Course
Mahatma Gandhi Shikshan Mandal's
SMT. SHARADCHANDRIKA SURESH PATIL COLLEG OF PHARMACY, CHOPDA
Chopda Tal. Chopda Dist. Jalgaon, Maharashtra- 425 107

Specifications				
Total Built up Area in Sq. Meters	166 Sq. Meters			
Library Timing	08:00 am To 06:00 pm			
No. of staff appointed for library	04			
No. of Permanent staff appointed for library	01 Librarian			
Attendant and Peon	03			
Total seats in reading room	40 + 40 = 80			
Total seats in Digital Library	10			
Books				
Total No. of Titles of Books	1762 + 900 E Book = 2662			
	B.Pharm 1630	M. Pham 75	D. Pharm 57	E-Book 900
Total No. of Books	17914+9718 E Book = 27632			
	B.Pharm 16644	M.Pharm 580	D. Pharm 690	E-Book 9718
Total Cost of books	4811575/-			
Total No. of Texts Books	14624			
Total No. of Reference Books	2725			
Book Bank Facility	Yes			
Total No. of books for Book Bank	672			
Chemical Abstracts				
Total No. of Chemical Abstracts	737 (From 1907-1981)			
Volume	Vol. 1 – Vol. 96			
Total Cost of Chemical Abstracts	280000/-			
Journals				
No. of Journal Available	35			
National	12 + DELNET Subscription			
International	22			
E-Journals (Online)	79129			
E-Books	9698			
Total cost of Journals	109540/-			
National	63690/-			
International	45850/-			
Magazine/News paper				
Total No. of Magazine	05 (Free)			
Total cost of Magazine	--			
Total No. of Daily News Paper	05			
Marathi	02			
English	03			
Total cost of Daily News Paper	480-500 /Month			
Digital Library (E-Library)				
Internet facility Available for students	Yes			
No. of computers	10			
Others				
Notice Board Available	Yes			
Suggestion Box Available	Yes			

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

College Committees

COLLEGE DEVELOPMENT COMMITTEE

Sr. No	Name & Detail	Designation
1.	Hon. Bhaiyasaheb Adv. Sandeep S. Patil President, Mahatma Gandhi Shikshan Mandal, Chopda	President
2.	Hon. Taisaheb Dr. Smita S. Patil Secretary, Mahatma Gandhi Shikshan Mandal Chopda	Secretary
3.	Hon. Mrs. Asha V. Patil, Vice- President, Mahatma Gandhi Shikshan Mandal	Vice – President
4.	Hon. Dr. Gautam P. Vadnere	Principal
5.	Hon. Prof. Devidas Bandu Deshmukh	Member(Education Representative)
6.	Mr. Rajaram Baburao Patil	Member (Business
7.	Dr. Ramakant Mahadu Bagul	Member(Research
8.	Mr. Swapnil Suresh Bari	Member(Alumni Representative
9.	Dr. Avinash Vishvanath Patil	Member (Recommended by Principal)
10.	Mr. Tushar Prataprao Patil	Member (Staff Representative)
11.	Mr. Tanvir Yusuf Shaikh	Member(Staff Representative)
12.	Mrs. Kranti Devendra Patil	Member (Ladies Staff Representative)
13.	Dr. Sandeep Ramesh Pawar	Member(Social Welfare Officer)
14.	Dr. Md. Rageeb Md. Usman	Representative of C.I.Q.A. Committee
15.	Mr. Ravindra Ramchandra Deshmukh	Member(Non-Teaching Representative)
16.	Ms. Yadniki Nehete (Final Yr. B.Pharm)	Student council Chairperson
17.	Ms. Nalini Wagh (Third Yr. B. Pharm)	Secretary Student council

ANTI-RAGGING COMMITTEE 2020-2021

Sr. No	Name & Detail	Designation	Profession	Contact Number
1.	Dr. Gautam P. Vadnere	Chairman	Principal	9890022892
2.	Mr. Chagan Wagh	Member	Taluka Magistrate	8600742753
3.	Mr. Avtarsing Chavan	Member	Police Inspector, Chopda City	8087000215
4.	Mr. Vijay T. Patil	Member	Media Representative	9325262586
5.	Mr. Sunil L. Patil	Member	Media Representative	9730765080
6.	Dr. Avinash V. Patil	Member	NGO Member	9850990650
7.	Dr. Jogendra C. Hundiwale	Member	Staff representative	9860779469
8.	Dr. Bharat V. Jain	Member	Staff representative	9923057005
9.	Dr. Kiran. D. Patil	Member	Staff representative	9423949267
10.	Mrs. Prerana. N. Jadhav	Co-ordinator	Staff representative	9420349129
11.	Mr. Kiran Nehete	Member	Guardian representative	8329969330
12.	Mr. Dilip Patil	Member	Guardian representative	8007644603
13.	Ms. Ashwini Dilip Patil	Member	Sr. Student representative	9689200562
14.	Ms. Yadniki K. Nehete	Member	Sr. Student representative	7378793533
15.	Mr. Aaditya Vijay Patil	Member	Sr. Student representative	9960636559
16.	Mr. Ganesh S. Patil	Member	Sr. Student representative	9325694423

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

ANTIRAGGING SQUAD FOR BOYS HOSTEL 2020-2021

Sr. No	Name & Detail	Detail	Contact No.
1.	Dr. Gautam P. Vadnere	Chairman	9890022892
2.	Dr. Avinash V. Patil	Member	9850990650
3.	Dr. Jogendra C. Hundiwale	Member	9860779469
4.	Dr. Kiran D. Patil	Member	9423949267
5.	Dr. Bharat V. Jain	Member	9923057005
6.	Mr. Kiran D. Baviskar	Member	9511732774
7.	Mr. Prafulla B. More	Member	8805592762
8.	Mr. Ravindra R. Deshmukh	Member	9881393378
9.	Mr. V. H. Patil	Member (Hostel In-charge)	9049497937

ANTIRAGGING SQUAD FOR GIRLS HOSTEL 2020-2021

Sr. No	Name & Detail	Detail	Contact No.
1.	Dr. Gautam P. Vadnere	Chairman	9890022892
2.	Dr. Avinash V. Patil	Member	9850990650
3.	Dr. Jogendra C. Hundiwale	Member	9860779469
4.	Dr. Kiran D. Patil	Member	9423949267
5.	Dr. Bharat V. Jain	Member	9923057005
6.	Mrs. Prerana N. Jadhav	Co-ordinator	9420349129
7.	Mrs. Kranti D. Patil	Member	9834813057
8.	Mrs. Suvarnalata S. Mahajan	Member	7020209120
9.	Mr. Prafulla B. More	Member	8805592762
10.	Mr. Ravindra R. Deshmukh	Member	9881393378
11.	Mrs. Surekha Dhangar	Member (Hostel In-charge)	9021725244

INSTITUTIONAL ANIMAL ETHICAL COMMITTEE (IAEC)

Sr. No	Name & Detail	Designation in IAEC
1.	Dr. Gautam P. Vadnere	Biological Scientist Chairperson
2.	Prof. T. P. Patil	Scientist In-charge of Animal House facility
3.	Dr. A. V. Patil	Scientist from different discipline, Member secretary
4.	Dr. Sanjay Gujrathi	Veterinarian
5.	Dr. Santram Lodhi	Scientist from different discipline
6.	Dr. Maheshkumar V. Ingawale	Main Nominee
7.	Dr. P. H. Patil	Link Nominee
8.	Mr. Prashant Y. Mali	Scientist from outside
9.	Mr. Hemant V. Deore	Socially aware Nominee

TRAINING AND PLACEMENT CELL

Sr. No	Name	Designation
1.	Dr. Gautam Prakash Vadnere	Chairman
2.	Dr. Bharat Vijaykumar Jain	Training Officer
3.	Dr. Sandip Ramesh Pawar	Placement Officer

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

LIBRARY COMMITTEE

Sr. No	Name	Designation	Profession
1.	Dr. Gautam P. Vadnere	Chairperson	Principal
2.	Dr. Avinash V. Patil	Member Cum Head	Member
3.	Dr. J. C. Hundiwale	Member	Member
4.	Dr. Bharat V. Jain	Member	Member
5.	Dr. Kiran D. Patil	Member	Member
6.	Mr. Parlhad K. Kanke	Member	Member
7.	Mr. Nitin Bari	Member	Librarian

PREVENTION OF SEXUAL HARASSMENT COMMITTEE 2020-2021

Sr. No	Name	Designation	Post
1.	Dr. Gautam. P. Vadnere	Principal	Professor
2.	Mrs. Kranti D. Patil	Chairman	Asst. Professor
3.	Mrs. Suvarnalata S. Mahajan	Secretory	Asst. Professor
4.	Mrs. Manisha J. Chaudhari	Member	Councillor (Chopda city)
5.	Dr. Avinash V. Patil	Member (Teaching-staff representative)	Professor
6.	Mr. Prafulla B. More	Member (Non-Teaching representative)	Registrar
7.	Mr. Atul A. Sabe	Member(SWO)	Asst. Professor
8.	Mrs. Prerana N. Jadhav	Member	Asst. Professor
9.	Mrs. Priyanka V. Patil	Member	Asst. Professor
10.	Mrs. Priyanka S. Jain	Member	Asst. Professor
11	Mr. Kiran D. Baviskar	Member	Asst. Professor
12	Miss. Yadniki Nehate (Final year)	Member	B. Pharm Girls Student Representative

INTERNAL COMPLIANCE COMMITTEE 2020-2021

Sr. No	Name of the Members	Designation
1.	Dr. Gautam P. Vadnere	Principal
2.	Mrs. Kranti D. Patil	Presiding officer
3.	Mrs. Suvarnalata S. Mahajan	Member
4.	Mrs. Prerana N. Jadhav	Member
5.	Mrs. Priyanka V. Patil	Member
6.	Mrs. Priyanka S. Jain	Member
7.	Mr. M. N. Patil	Member (Non-Teaching staff Representative)
8.	Mr. A. M. Patil	Member (Non-Teaching staff Representative)
9.	Miss. Yadniki Nehate	Member (Students Representative)
10.	Miss. Nalini Wagh	Member (Students Representative)
11.	Miss. Saloni Agrawal	Member (Students Representative)

WOMEN EMPOWERMENT CELL 2020-2021

Sr. No	Name of the Members	Designation
1	Dr. Gautam P. Vadnere	Principal
2	Mrs. Kranti D. Patil	Presiding officer
3	Mrs. Suvarnalata S. Mahajan	Member
4	Mrs. Prerana N. Jadhav	Member
5	Ms. Priyanka V. Patil	Member
6	Mrs. Priyanka S. Jain	Member
7	Mr. M. N. Patil	Member (Non-Teaching staff Representative)
8	Mr. A. M. Patil	Member (Non-Teaching staff Representative)
9	Miss. Yadniki Nehate	Member (Students Representative)
10	Miss. Nalini Wagh	Member (Students Representative)
11	Miss. Saloni Agrawal	Member (Students Representative)

STUDENT WELFARE COMMITTEE

Sr. No.	Name of the Member	Designation
1.	Dr. Gautam P. Vadnere	Chairman
2.	Dr. Avinash V. Patil	Member
3.	Mr. Atul A. Sabe	Secretary
4.	Dr. Sandip R. Pawar	Former SWO
5.	Mrs. Kranti D. Patil	Member (Ladies Teaching Staff Representative)
6.	Miss Ashwini Anil Patil	Member(Girls Student Representative
7.	Miss Nehete Yadniki Kiran	Member(Girls Student Representative
8.	Mr. Ganesh Sadashiv Patil	Member (Boys Student representative)
9.	Mr. Dhiraj Sunil Pawar	Member (Boys Student representative)
10.	Mr. Prafulla B. More	Member (Non-Teaching staff representative)

COMPOSITION OF EXAMINATION COMMITTE

Sr. No.	Name of Faculty	Designation
1.	Dr. Gautam P. Vadnere	Chairman
2.	Mr. Tushar P. Patil	Head In Charge
3.	Dr. Md. Rageeb Md. Usman	Assistant In charge
4.	Mr. Kiran D. Baviskar	Assistant In charge
5.	Mr. Pralhad K. Kanake	Assistant In charge
6.	Mr. Jayesh Nimbalkar	Assistant In charge

MAGAZINE AND NEWSLETTER COMMITTEE

Sr. No.	Name of Faculty	Designation
1.	Dr. G. P. Vadnere	Chairman
2.	Mrs. Suvarnalata S. Mahajan	Co-ordinator
3.	Mrs. Kranti D. Patil	Member
4.	Mrs. Prerana N. Jadhav	Member
5.	Mrs. Priyanka V. Patil	Member
6.	Mrs. Priyanka S. Jain	Member
7.	Miss. Akansha L. Patil	Member
8.	Miss. Mayuri K. Patil	Member

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

List of Equipment

 Modern Laboratories
Laboratories are well equipped with highly sophisticated equipment.

Department of Pharmaceutics	Department of Pharmaceutical Chemistry	Department of Pharmacognosy
Dissolution Test Apparatus Six Station	Hot Air Oven	Digital Photo Fluorometer
UV Spectrophotometer	Melting Point Apparatus	Moisture Balance
UV-1601 Spectrophotometer(Shimadzu 1601)	Microwave Oven	Muffle Furnace
FTIR(Nicojet Ir200)	Incubator	Autoclave
Gas Chromatography (Netal Ltd.)	Digital Colorimeter	Digital PH Meter
Quaternary HPLC System With All Accessories	Analytical Balance	Microscope With Stage And Oil Immersion Objective
Micro Centrifuge	Single Pan Balance	Sterility Testing Unit
Stability Chamber	Colorimeter(Electronics India)	Trinocular Microscope
Electronic Analytical Balance	Colorimeter (Jainco)	UV Cabinet
Brookfield Rheolac With All Accessories And III + DPV	Polarimeter	Digital Colony Counter
Diss-2000 Microprocessor Dissolution	Digital Conductivity Meter	Antibiotic Zone Reader
Mini Press	Digital Potentiometer	Rotary Vacuum Evaporator
Kelweka Main Drive Unit	Digital Flame Photometer	Motic Digital Microscope
B. O. D. Incubator	Nephloturbidimetry	B. O. D Incubator
Aseptic Area Equipped With HEPA	Photoflurometer	Hot Air Oven
Disintegration Apparatus	Digital PH Meter	Camera Lucida
Rotary Tablet Machine	Incubator	Projection Microscope
Friability Apparatus	Refractometer	Equiptronics, Digital Spectrophotometer EQ-825
Autoclave	Karl-Fischer Apparatus	
Department Of Pharmacology		
Computer With LCD	Software Pkg. For Experiment	Histamine Chamber
Actophotometer	Rotarod	Pole Climbing Apparatus
Analgesiometer	Elecrtoconvulsiometer	Student Physiograph

College Toppers (2019-2020 April/May)

First Year B. Pharm (Sem. II) PCI

Agrawal Salony G.   **Patil Khushbu S.**   **Patil Nikita K.**
(9.00)   **(8.85)**   **(8.85)**

Second Year B. Pharm (Sem. IV) PCI

Wagh Nalini D   **Patil Divya D.**   **Zade Manuja S.**
(9.14)   **(8.86)**   **(8.71)**

Third Year B. Pharm (Sem. VI) PCI

Nehate Yadnyiki K. **Patil Ashwini A.** **Patil Ashwini D.**
(9.00)   **(8.73)**   **(8.73)**

Final Year B. Pharm (Sem. VIII) Nov.2020 CGPA

Tayade Dipak P. **Songire Harshali R.** **Patil Dhanashri S.**
(9.85)   **(9.85)**   **(9.85)**

First Year M. Pharm Pharmaceutics (Sem. II) PCI

Patil Kiran H.   **Sonawane Mahesh R**   **Pawar Prasanna K**
(9.38)   **(9.15)**   **(9.15)**

First Year M. Pharm Pharmacognosy (Sem. II) PCI

Badgujar Pallavi S. **Nikam Manjusha S.** **Patil Rohini A.**
(9.15)   **(9.15)**   **(9.15)**

Second Year M. Pharm Pharmaceutics (Sem. IV) PCI

Patil Shrutee S.   **Chaudhari Sagar N.**   **Patil Akanksha L.**
(9.76)   **(9.76)**   **(9.76)**

Second Year M. Pharm Pharmacognosy (Sem. IV) PCI

Patil Mayuri K.   **Dhangar Tejashree T.**
(9.76)   **(9.71)**

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Alumni Testimonials

Dr. Chinar Pathak

Dr. Chinar Pathak working as "Research Associate Scientist, University of Leicester, UK" (2005 Batch)

It was my immense luck and fortune to be the part of Smt. S. S. Patil College of Pharmacy Chopda, where I can grow. The entire faculty and department leave no stone unturned to shape one's future. Here my four years have been a wonderful experience of learning with prolific exposure to outside. Huge respect, love and devotion for entire faculty members and department. It's their efforts that make me to count myself into better professionals. There are no words to express my gratitude towards college.
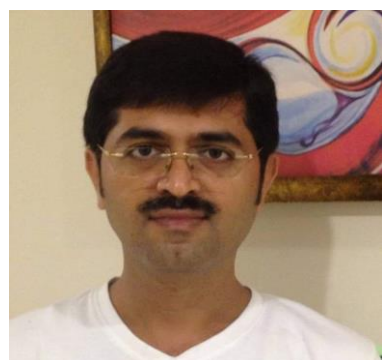
Mr. Anand Deshmukh

Mr. Anand Deshmukh
Senior Manager, Manufacturing Science and Technology Group, Cipla (1999 Batch)

Smt. S. S. Patil College of Pharmacy Chopda, is great place to learn. It gives me great to say with pride that I have completed my B. Pharm from this college. The relationship between faculties and student is very cordial, which gave me an opportunity to excel in my area of interest. The T and P cell is very supportive and they have conducted various sessions which helped me to get placed.
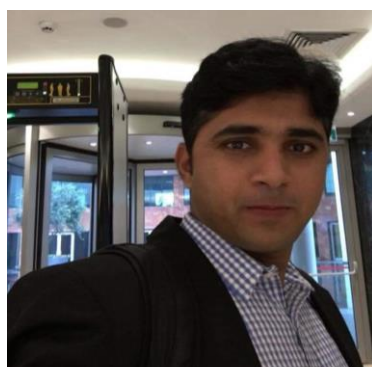
Mr. Dhananjay Babar

Mr. Dhananjay Babar
Global Quality Manager
Bayer Pharmaceuticals, Mumbai (2006 Batch)

Smt. S. S. Patil College of Pharmacy Chopda is having very helpful and very sincere, dedicated and easily approachable faculty. We students had the freedom to go with the new ideas and we used to get full support of the faculty. There were many events organized by college so we have the experience of organizing events also, working with seniors and juniors as well. Participating in the events and organizing the events were the enjoyable. My experience with this college has been a wonderful balance of knowledge, skills, fun and friendship. Over all I am thankful Smt. S. S. Patil College of Pharmacy Chopda for all the support I needed.

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Mr. Yogesh Shinde

Mr. Yogesh Shinde
Sr. Executive, Gufic Life sciences Ltd.
Navsari Gujrat (2012 Batch)

It was great fun studying in Smt. S. S. Patil College of Pharmacy Chopda, as teachers were very supportive in studies as well as in other activities. I made lot of friends during this period. There were lots of ups and downs I had, Professors were always there to guide me like a friend to overcome these ups and down. I would like to share one thing, it's not only studies but also other things like interacting with other people, leading team, participating in activities which will make you confident. There are lots of things to share but less words to describe them. At the end I must thank all Smt. S. S. Patil College of Pharmacy Chopda of staff for guidance, because of that I am able to reach at this

Mr. Tushar Jadhav

Mr. Tushar Jadhav
Prinston Pharmaceutical INC, USA

Presently I am associated with Prinston Pharmaceutical INC, USA and My R & D department is located in Shanghai, China. It had been 4 wonderful years at Smt. S. S. Patil College of Pharmacy Chopda. It was like a family than any college. Here every student gets guided and encouraged not only to excel in academics but also to make right decisions in real life. Giving an opportunity to participate and also to organize various events, Smt. S. S. Patil College of Pharmacy Chopda developed the sense of leadership, courage and management skills in me. I am very thankful to all faculty and principal for all the support.

Mrs. Monali Birari

JMCT Institute of Pharmacy, Nashik

Studying B/M Pharmacy at Smt. S. S. Patil College of Pharmacy Chopda was icing on the cake. Excellent teaching faculty, spacious and state of the art laboratories, ragging free atmosphere and 100% support from seniors made my four years even more memorable. Extra-curricular activities and various in-house events helped in building my overall personality and made me even more social. Thank you Smt. S. S. Patil College of Pharmacy Chopda for building my career.

List of Events

	Date	Event	Expert Guidance	Department & Co-ordinator
1.	05/06/2020	Int. e-Seminar on" Current Scenario of Business Development/Global Pharma Business"	Mr. Piyush P. Jain Associate Director Commercial Expansion Mylan Inc. Dubai, UAE	Pharmaceutics Dr. Bharat V. Jain
2.	21/06/2020	Int. Yoga day celebration	Dr. G. P. Vadnere	Dr. J. C. Hundiwale
3.	06/07/2020	Tree plantation	In presence of Principal Dr. G. P. Vadnere along with Teaching & Non-teaching staff	Pharmacognosy
4.	12/09/2020	Online Guideline For University Theory And Practical Exam	Mr. Vinod Patil from University Department	Exam department
5.	20/09/2020	Int. webinar on "Micro-organism: The enemies of Mankind or Just the misunderstood Friends"	Mr. Narendrakumar Madhavrao Chaudhari, Postdoctoral researcher in University of Jena, Germany	Pharmaceutics Mr. Swapnil D. Salunkhe
6.	23/09/2020	National Webinar on "Scope of Pharmacy in Government Sector"	Mr. Dipak Suresh Marathe, Govt. Pharmacy Officer, Nandurbar	Pharmaceutics Mr. Kiran Baviskar
7.	25/09/2020	"World Pharmacist Day" celebration	Dr. G. P. Vadnere Felicitation of Medical Proprietors of Chopda	Dr. A. V. Patil Dr. B. V. Jain, Mr. P. B. More
8.	28/09/2020	Webinar on "Introduction to Structural Elucidation by Spectral Analysis"	Dr. Manish Kondawar Professor Appasaheb Birnale COP Sangli, Shivaji university	Pharmaceutical Chemistry Dr. A. V. Patil
9.	29/09/2020	Webinar on "Clinical Research: Industry & Opportunity"	Mr. Yogesh Chaudhari, Sr. Research Associate/Scientist Clinical Operations	Mr. Tushar P. Patil
10.	02/10/2020	Under the "Unnat Bharat Abhiyan" on the occasion of "Mahatma Gandhi Jayanti", Sanitizer distribution and sanitization by using sodium Hypochlorite at Hathed, Gartad and Tawase village	In presence of Panchayat Samiti members.	Mr. Praful B. More Mr. Shivdas Patil, Mr. Bhika Patil & Kailas Rupwante
11.	02/10/2020	Vocational Training Program: Under P. M. kaushallya Udyojakta Vikas Abhiyan	---	--
12.	03/10/2020	Int. e-seminar on "Inclination for Research & Abroad Studies in Natural Products"	Dr. Nitin Patil NHMR Peter Doherty Fellow, Monash University, Australia	Pharmacognosy Mrs. Kranti D. Patil
13.	05/10/2020	Guest lecture on "Introduction to QbD"	Dr. Nilesh Deshmukh Assistant Prof. Poona College of Pharmacy, BVDU, Pune	Pharmaceutics Ms. Priyanka V. Patil

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14.	06/10/2020	National e-Seminar on "Career Opportunities in Pharma Industry"	Ms. Neelam Rajput, Assistant Manager, Glaxo Smith Kline Pharmaceuticals Ltd Mumbai	Pharmaceutics Mrs. Prerana N. Jadhav
15.	07/10/2020	Webinar for Girl students on "Women's Wellness"	Mrs. Ashwini Deshmukh, Nutritional Advisor of Phytabolites Neutraceuticals Pvt. Ltd. Nashik; Nutritional Consultant fit me Studio, Aurangabad	Women Empowerment Cell Mrs. Kranti D. Patil
16.	08/10/2020	Webinar on "Scope of Pharmacy in Clinical Research Organization"	Mr. Mohit Somani, Senior Clinical Research Associate Covance India, Ahmedabad	Pharmacology Dr. Kiran D. Patil
17.	10/10/2020	E-Seminar on "Vaccine Manufacturing & its Quality Assessment"	Mr. Yogesh Kalal, Vaccine Production Serum Institute of India Ltd. Pune	Biotechnology Dr. J. C. Hundiwale
18.	11/10/2020	Webinar on "Indian Pharmaceutical Market Overview & Career Opportunities in Sales & Marketing	Mr. Abhijit A. Patil Product Manager FDC Ltd. Mumbai	Pharmaceutics Mrs. Suvarnalata S. Mahajan
19.	15/10/2020	Inauguration of Herbarium Bank by the hands of Deshdoot Senior News Reporter Shree Chandrakant Patil in presence of Principal Dr. G. P. Vadnere	Shree Chandrakant Patil and Dr. G. P. Vadnere	Pharmacognosy
20.	18/10/2020	E-Seminar on "Pharma Graduate-Future Employer"	Dr. Vivek Mallurwar, AGM, Titan Laboratories F & D Ghatkoper, Mumbai and Mr. Abhay Sagare AGM, Titan Laboratories R & D, MH. India	Pharmaceutical Chemistry Mr. Jaydeep Tupe
21.	25/10/2020	Felicitation of Topper Students of B. Pharm & M. Pharm	Hon. Taisaheb Dr. Smita S. Patil	--
22.	26/10/2020	"Instrument Pujan" on the occasion of Dussehra	Dr. B. V. Jain	Pharmaceutics
23.	04/11/2020	Virtual National Symposium on "Fighting Diseases with Phytomedicines"	Dr. Deepak Prabhakar Bhagwat, Principal Swift College of Pharmacy Rajpura, Punjab.	Pharmacognosy Dr. Md Rageeb Md Usman.
24.	06/11/2020	National level E-Poster competition	Prof. T. P. Patil, Dr. K. D. Patil, Dr. Md Rageeb Md Usman, Dr. S. R. Pawar	Mr. Parlhad Kanake and Mr. Jaydeep Tupe
25.	03/12/2020	Online Training sessions on e-Verification/scrutiny UG/PG conducted by State CET cell, Mumbai	State CET cell, Mumbai	

"Never Stop Learning, Because

Life Never Stop

Teaching"

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International e-Seminar (5th June 2020)

Int. e-Seminar on" Current Scenario of Business Development/Global Pharma Business" was organized by pharmaceutics department on 5th June 2020 and the invited speaker was Mr. Piyush P. Jain Associate Director Commercial Expansion Mylan Inc. Dubai, UAE who had given information on expansion of Global Pharma business and necessity of its development. The whole event was coordinated by Dr. Bharat V. Jain.
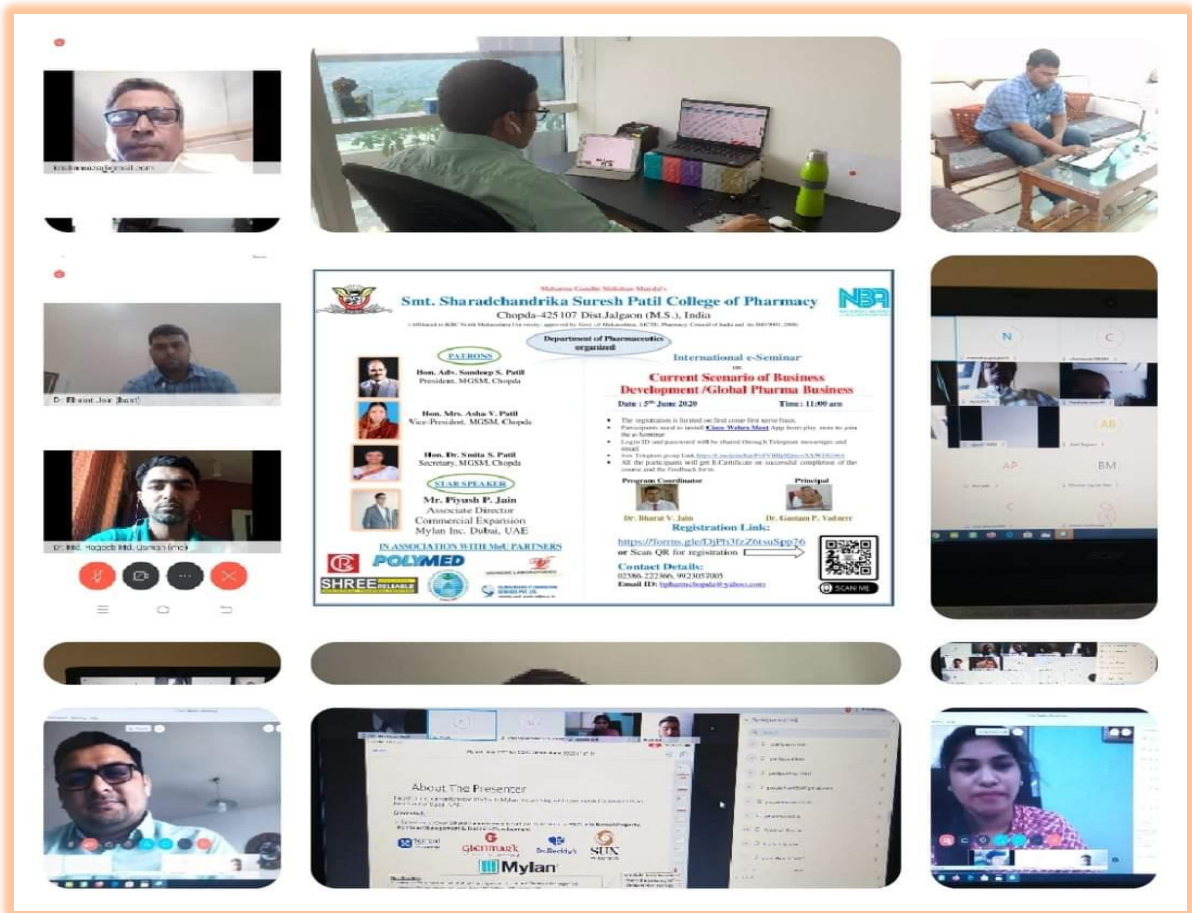
Tree Plantation (6th July2020)

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International Yoga Day (21ˢᵗ June 2020)

Pharmacist Day 25 Sept. 2020

25ᵗʰ September is celebrated as **"World Pharmacist Day"** throughout the world. On this occasion of Pharmacist day under the guidance of Principal Dr. G. P. Vadnere, Dr. A. V. Patil, Dr. B. V. Jain and Registrar Mr. P. B. More felicitated the Medical Proprietors of Chopda for their continuous service provided to the community during the pandemic situation and also distributed them the certificate of Corona Warriors.

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Distribution and Sanitization

Under the "Unnat Bharat Abhiyan" on the occasion of "Mahatma Gandhi Jayanti", in presence of Panchayat Samiti member's sanitizer distribution and sanitization by using sodium Hypochlorite was done on 2nd Oct. 2020 at Hathed, Gartad and Tawase village by coordinators Mr. Shivdas Patil, Mr. Bhika Patil & Kailas Rupwante.

Vocational Training Program

Training program was organized by Smt. SSPCOP under **P. M. kaushallya Udyojakta Vikas Abhiyan** on 02 Octo 2020.

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Inauguration of Herbarium Bank (15th Oct.2020)

Herbarium Bank Inauguration was conducted by the hands of Mr. Chandrakant Patil Senior News Reporter of Deshdoot Newspaper on 15th Oct .2020 and Principal Dr. G. P. Vadnere felicitated Mr. Chandrakant Patil. From 2005 department of Pharmacognosy was organized the Botanical Tour in villages situated in Satpuda Hills at Unapdev, Karjana, Pal, Toranmal of dist. Jalgaon where students collected the different Herbal plants and made the Herbarium Sheet and also used the plants for research project. Total 324 Herbarium sheets are available in the Herbarium Bank for students.

Felicitation of Academic Stars

Felicitation of academic stars of Smt. SSPCOP, Chopda was conducted on 25 Oct.2020 by the hands of Hon. Taisaheb Dr. Smita S. Patil in presence of Principal Dr. G. P. Vadnere and Registrar Mr. P. B. More along with all teaching and non-teaching staff

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Article Section I

Alpesh Patil, Third Year B. Pharm

Digital Pharmacist

Digital pharmacist offers pharmacies a comprehensive digital engagement platform to help you attract new customers, increase efficiencies and grow your business. From communication and adherence to digital marketing and reputation management, we provide you with everything you need to be successful in the digital age.

We prove our value by giving you access to metrics that showcase results and creating products that both integrate with each other and multiple pharmacy management systems. With a deep understanding of the pharmacy industry paired with a digital pharmacist helps you transform the way you do business.

Since 2012, Digital Pharmacist has been helping pharmacies like:

1. Attract New Customers

2. Increase Efficiencies.

3. Rx Confer. Digital Marketing.

4. Interactive Voice Response (IVR).

5. Grow Your Business:

We focus on helping pharmacies feel secure in their business and stay ahead of the competition, so they never have to struggle with industry standards or offering quality patient care.

6. We Build Customer – Centric Solutions for Pharmacies:

To solve the customer's online problem for pharmacy it can be solve by digital pharmacist to build customer centric solutions for pharmacies.

7. Serving Pharmacies, Transforming Business:

We are committed to helping you succeed in a digital world. Our cloud-based based platform is your one -stop -shop for digital engagement, combining communication and adherence solutions with digital marketing.

8. The Pharmacy Experience Dashboard:

Digital pharmacist pharmacy dashboard connects you to our comprehensive digital solution so you can run your pharmacy effortlessly.

9. Branded Health site and Mobile App:

 Our customizable, HIPAA-Compliant Health site and Mobile App simplify secure prescription refills, transport and patient communication. These responsive solutions integrate with over 70 pharmacy management systems.

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- **Key Players of E-Pharmacy**

  Netmeds,   Medplus,   1MG,

  M CHEMIST,   MeDLIFE,   Myra   Pharm Easy

- **Advantages of Digital Pharmacist**

1. Easy to access,   Open 24x7,   Return policy,

2. Affordable price,   Time and money saving

Neha Jogi (Final Year B. Pharm)

Role of IT in pharmacy

- **Information Technology (IT)**

  It is an application of computers and telecommunications equipment to Store, retrieve, transmit and manipulate data often in the context of a business. The automation of all of the manual work of the pharmaceutical industry is based on the principle of IT systems. There are many different automated software that aid the smooth functioning of pharmaceutical units and improve efficiency, accuracy and decision making.

- **Pharmacy Informatics**

  Application in IT systems in pharmaceutical industry is called as pharmacy Informatics. The scientific field that deals with biomedical information, data and knowledge their storage, retrieval and optimal use for problem solving and decision making. It is tightly focused on the optimal use of drug information for problem solving, decisions making and promoting safe pharmaceutical care.

- **Importance of IT in pharmacy**

  1) Technology improves pharmatics work ,it give them more time to help customer by reducing time, expenditure and the manpower required for any kind of work.

  2) The research will be long-lasting expensive without IT.

  3) Technologies are useful for the patient profile monitoring, drug interactions, drug design, medication, database management, material management.

  4) IT can help run the business operations efficiently.

  5) They make it easier to handle routine business tasks such as recording, tracking and paying the vendor bills.

6) It preventing medications errors, improve population health and interconnect clinicians.

- **Scope of IT in pharmacy**

1) Compounding and dispensing medications.

2) Modern services like clinical services and reviewing medications safety and efficacy.

3) Capable of doing marketing and selling of medicine.

4) Connecting link between the producer and consumers.

5) Counselling about information technology to people regarding the newly launched medicines.

Neha Jogi and Vaishali Bhoi

(Final Year B. Pharm)

3D Printing in Pharmacy

- **What is 3D printing?**

Recently, epilepsy drug spritam became the first 3D printed drug to be an approved by the FDA. The drug manufacturer, Aprecia pharmaceuticals, says that it makes the oral medication through a 3D printing process, which builds the pill by spreading layers of the drug on top of one another until the right dose is reached. This technique allows the pill to deliver a higher dose of medicine -up to 1000mg while being porous enough to dissolve quickly.

How does a 3D printer work?

- An original idea is designed using a digital modeling programme such as CAD or animation modeling software.

- Once the design is completed. The file is sent to the 3D printer. The 3D printer make programme over the build plates, depositing layer upon material to create the finished product.

- The different layers are fused throughout the process to create a single 3D object.

Rohit Patil

Artificial Intelligence

Introduction

Artificial Intelligence (AI) is an intelligence demonstrated by machines, unlike the natural intelligence displayed by humans and animals. Leading AI textbooks define the field as the study of "intelligent agents": any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals.

Careers in Artificial Intelligence

The world economic forums "The Future of Jobs 2018" report predicts that there will be 58 million new jobs in artificial intelligence by 2022.

Data Analysis need to have a solid understanding of the data itself-including the practices of managing, analyzing and storing it and the skills needed to effectively.

User Experience (UE) roles involves working with products including those which incorporate AI to ensure that consumers understand their function and can easily use them.

Natural Language processing many of the most popular consumer applications of AI today revolve around language. Computer science and Artificial Intelligence Research many of these top careers explore the application of AI technology, computer science and research is more about discovering ways to advance the technology itself. AI field also relies on traditional computer science roles such as software engineers to develop the programs on which artificial intelligence tools function.

Artificial Intelligence Graduate Programs

1. School of Arts &Sciences-University of Pennsylvania.
2. Viterbi school of Engineering.
3. School of computer science -Carnegie Mellon university
4. Franklin College of Arts & Sciences.
5. University of Washington Information School.
6. College of computing -Georgia Institute of Technology.

- **Applications of AI**
1. Chabot's
2. Artificial intelligence in e-commerce
3. AI to improve workplace communication

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4. Human Resource Management
5. Al in Healthcare
6. Intelligent cyber security
7. Al in Logistics & Supply chain
8. Sports betting industry
9. Streamlined manufacturing with Al
10. Hotels/Integrated Reports
11. Retail

- **Current Status of Al**
1) Al have taken many shapes and forms over recent years
   i.   Mobile phones
   ii. Video Games characters
   iii. GPS / Voice Recognition
   iv. Robotics
1) Google has been a major play on Al transcendence and deep learning.
   i.   Deep learning is a machine learning based on algorithms.
- **Challenges In Artificial Intelligence**
i)   Computing power   ii)Tolerance power
ii)   Intuitive Thinking   iv)Judging power
iii)

Kajal Nikam
(Final Year B. Pharm)

"Teaching in the internet age means

We must teach tomorrow's skill today."

Jennifer Fleming

E-learning is a big umbrella

That covers a lot of opportunity

The model works.

Tom Cintorino

E-Pharmacy: The Next Step in Healthcare Consolidation

Introduction:

An online pharmacy, internet pharmacy, or mail-order pharmacy is a pharmacy that operates over the Internet and sends orders to customers through mail, shipping companies, or online pharmacy web portal. The concept of online pharmacies and online sale of medicines has been in vogue worldwide for more than two decades. An estimated 2986 online pharmacies were operating globally in the year 2008, the numbers of which would have risen as of today.

Technology in healthcare is likely to undergo a revolution and will upgrade to a stage where the consumer would be informed and empowered. E-pharmacy is one of the technology advancements that is about to create a huge demand in the upcoming days. For example chronic conditions like Diabetes, Hypertension, and Asthma etc. require patients to regularly use medications for the remainder of their lives. Why are online pharmacies popular? Online pharmacies offer better pricing than offline stores, with increased access, lower transaction and product costs, convenience and greater anonymity for consumers. They offer accessibility to people with limited mobility and people in remote areas. These provide med alerts (personalized medicine reminder service), discounts, doorstep delivery within a short time, and validation of prescription through licensed pharmacists.

An e-pharmacy model is required to have two operating components for dispensing prescription medicine:

1) Technology:

• Web-based or mobile-based application for consumers to upload the scanned copy of their prescriptions and place requests for Rx based medicines.

• Every order is verified and checked by a team of registered pharmacists.

• The registered pharmacists to forward the validated prescriptions to the pharmacy store from where the medicines are dispensed.

• The web or mobile-based platform to be governed under the IT Act 2000 and only act as a platform to facilitate connection between consumer and pharmacy store (brick and mortar).

2) Pharmacy Retail Store:

• The licensed pharmacists of the store to check for the validity of the prescriptions; failing which

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the medicines would not be dispensed.

• The medicines should be dispensed from a licensed premise in a sealed tamper proof pack to the patient or patient's relative (Patient's agent).

• There should be proper invoice with batch number of the medicines dispensed, expiry date, name and address of the pharmacy with signature of the registered pharmacist/(s)

• The pharmacy store to be operated under the oversight of the Drugs and Cosmetics Act & rules and need to comply with all requirements of act, as it does for normal business.

Regulatory authorities and Government of India on E-Pharmacies:

The drug controller General of India (DCGI) Mr. Eswara Reddy said that "Under the rules it has been proposed that those who want to do the online pharmacy will have to register with the Central Drugs Standard Control Organisation". Thus, Part VI - "Sale of Drugs by E-Pharmacy" has been proposed to be added to the Drugs and Cosmetics, Rules 1945. On September 2018, the Union Health Ministry of India released the draft rules on sale of drugs by E-Pharmacies in order to regulate online sale of medicines PAN India.

Some of the important measures proposed by draft rules include:

Registration of E-pharmacies, E-pharmacy portal, Protection of privacy, Sale through cash/credit memo, Measures to tackle counterfeit drugs unauthorized sale and expired products, Prohibition of certain Drugs, Periodic Inspection of E-pharmacy, Details of Drugs and Patients on the E-pharmacy portal, Verification by registered pharmacist, Prevention of unauthorized sale.

E-pharmacy add value to the Healthcare System in India:

✓ Beneficial to chronic elderly patients living in nuclear family or the patient not in condition to go out to find a pharmacy.

✓ Technology advancements, like applications will help in bringing price transparency, create awareness, find an appropriate healthcare services provider, medicine remainder, pregnancy alerts to consumers.

✓ E- Pharmacy models well aligned to address key known issues pharmacy retail for tracking authenticity, traceability of medicine, abuse prevention, addressing consumption.

✓ This model also increases entrepreneurship and in turn accelerates wealth creation in country.

✓ E-Pharmacies offer health information to consumers about particular medicines like drug interactions, side-effects, medicine reminders etc. which enables the consumer patient in improving compliance.

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Conclusion: With the help of technology healthcare is expected to be massively tiered and transformed to a system where consumer would be informed and empowered. This shift could be brought about by e-Healthcare model, which is built around solving problems of the consumer in the most optimized manner, where the consumer would have the power of knowledge and demand better service, a transparent system which would be free of middlemen causing distortions and price/quality mismatch. At, the same time an online model, operating across the country, to procure healthcare services will ensure organized tracking and recording of the data for adult trais, thus making the healthcare system more structured. One of technology innovations which have
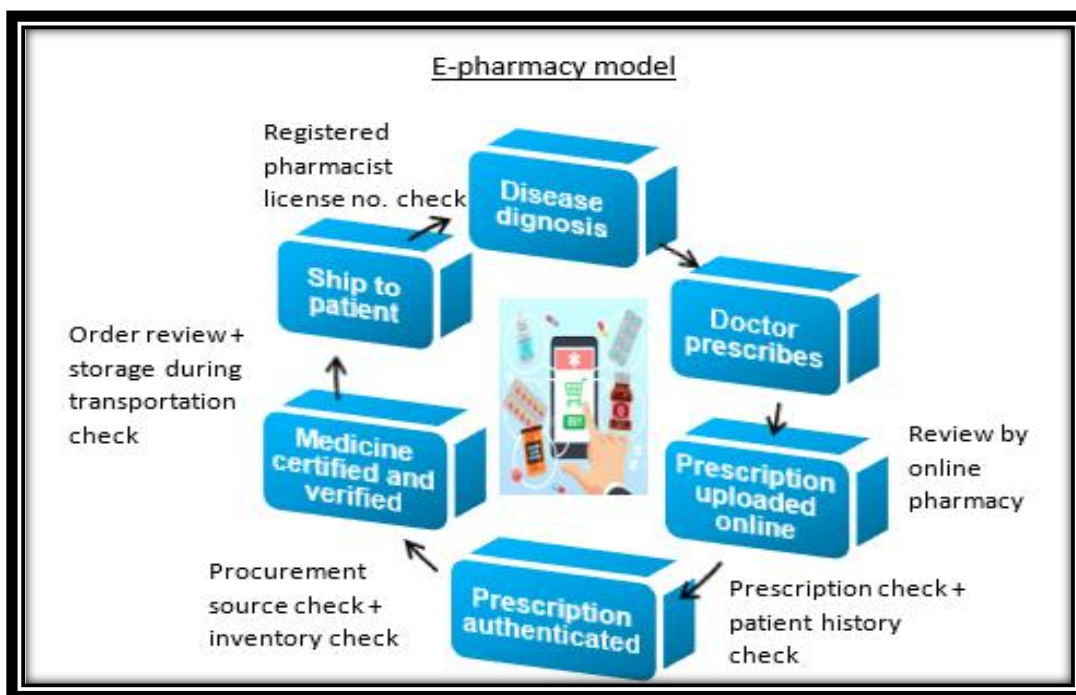
positioned itself as an attractive model in online healthcare space is E-PHARMACY.

Salony Ghanshyam Agrawal
Payal Rajendra Bhosale
Second Year B. Pharm

Computer Applications in Pharmacy

Introduction:

A computer is a device that can be programmed to carry out a set of arithmetic or logic operations automatically according to instructions written in a software. A computer consists of at least one processing element, typically central processing unit (CPU) and some form of memory. The processing element carries out arithmetic operations in the response to stored informed.

Why Computer is important in the Field of Pharmacy.....?

The computer has become a very common tool in all areas of science and technology. With the proliferation of the internet and the developments in computers technology and manufacturing, the ratio of the price to performance of the computers has continued to decrease. This has resulted in the development of the number of computer application. Basically the use of the computers in pharmacy fields was get started from the year:-1980.There is a great demand of computer in pharmacy field.

APPLICATIONS OF COMPUTERS IN PHARMACY

1] Prescription Filling:

Patient name, doctor name, drug name, quantity, prescription number, prints the label, calculate the price, discount, etc.

2] Prescription Refilling:

Pharmacist enter data regarding the prescription if data not available to avoid any warning message appears if the prescription is out of data.

3] E-Prescription:

E-prescriptions are computer- generated prescriptions created by the healthcare provider and sent directly to the pharmacy. E- Prescriptions are sent electronically through a private, secure, and closed network.

E-Prescriptions are classified into three types they are:-

A] Fast:

Your prescription arrives at your pharmacy before you leave your doctor's office.

B] Convenient:

You don't to make Convenient that extra trip to drop off your prescription at the pharmacy.

C] Legible:

There is no handwriting for the pharmacist to interpret.

4] Prescription Processing:

Prescription processing is invariably one of the main activities going on within a pharmacy on a day to day basis, and computers are used to make this process more reliable and efficient. Both the customer service side of the pharmacy operation and the dispensing aspect are today carried out through the use of computing systems. Pharmacy computers also handle customer service activities such as sales and cash handling within the retail operation.

5] Patient Councelling:

Pharmacist can print counselling handout, prescription label and invoice. Also handout contains any information the patient might need to know regarding precautions or side effects of the medications.

6] Patient Profile:

Pharmacist can update patient profile whenever a new prescription is filled. Also if the patient might have any symptoms like allergies, it should be added to the patient's profile.

7] Drug-Drug Interactions:

There is program regarding this point, this provided from many vendors offer programs for drug interaction. The pharmacist must check the patient's profile and prescription to determine if there is interaction.

8] Information:

Having access to the Web via pharmacy computers is something that has enhanced the ability of pharmacists to carry out their duties to a higher standard. As well as giving the pharmacy staff access to the vast store of information that is available on the Internet, including those on the specialist pharmacy resources, Internet connects pharmacists to their peers on a global scale.

9] Database: Computer database system information about medicines, and medical treatment in general, are used within pharmacies.

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Sandip Nanasaheb Dake   T.Y. B. Pharmacy

Webinar/Int. e-Seminar Series Arranged at
Smt. Sharadchandrika Suresh Patil, COP Chopda

E-Seminar organized by pharmaceutics department on "Micro-organism: The enemies of Mankind or Just the misunderstood Friends" on 20th Sept.2020 an the invited Speaker was Mr. Narendrakumar Madhavrao Chaudhari, Postdoctoral researcher in University of Jena, Germany and the event coordinator was Mr. Swapnil D. Salunkhe.

Webinar organized by pharmaceutics department on "Scope of Pharmacy in Government Sector" on 23rd Sept.2020 and the invited Speaker was Mr. Dipak Suresh Marathe, Govt. Pharmacy Officer, Nandurbar and the event coordinator was Mr. Kiran D. Baviskar

Webinar organized by Chemistry department on "Introduction to Structural Elucidation by Spectral Analysis" on 28th Sept.2020 and the invited Speaker was Dr. Manish Kondawar Professor Appasaheb Birnale COP Sangli, Shivaji University and the event coordinator was Dr. A. V. Patil

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Webinar organized by Pharmacology department on "Clinical Research: Industry & Opportunity" on 29th Sept. 2020 and the invited speaker was Mr. Yogesh Chaudhari, Sr. Research Associate/scientist Clinical Operations and the event coordinator was Mr. Tushar P. Patil.

International e-seminar organized by Pharmacognosy department on "Inclination for Research & Abroad Studies in Natural Products" on 03rd Oct.2020 and the invited Speaker was Dr. Nitin Patil NHMR Peter Doherty Fellow, Monash University, Australia and the event coordinator was Mrs. Kranti D. Patil
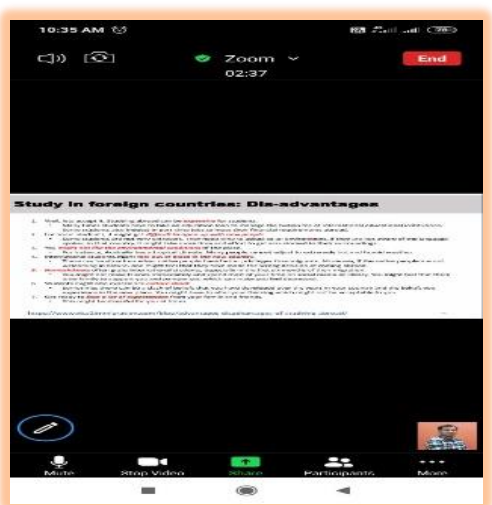
Dr. Nitin Patil delivering the lecture on "Inclination for Research & Abroad Studies in Natural Products"

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Guest lecture on "Introduction to QbD" on 5th Oct. 2020 and the invited speaker was Dr. Nilesh Deshmukh Assistant Prof. Poona College of Pharmacy, BVDU, Pune and the event Co-ordinator was Ms. Priyanka V. Patil
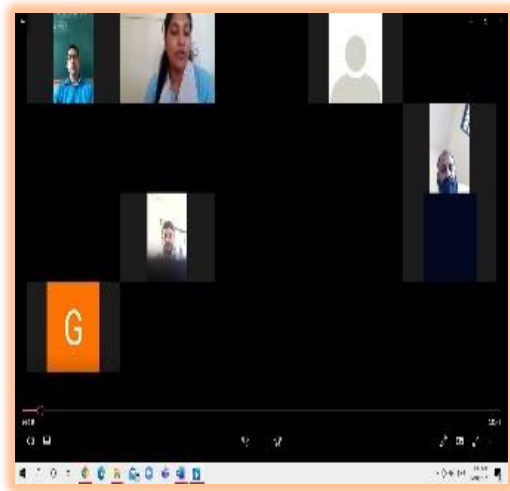
Dr. Nilesh Deshmukh delivering the lecture on "Introduction to QbD"

National e-Seminar on "Career Opportunities in Pharma Industry" on 6th Oct.2020 and the invited speaker was Ms. Neelam Rajput, Assistant Manager, Glaxo Smithkline Pharmaceuticals Ltd Mumbai and the event coordinator was Mrs. Prerana N. Jadhav.
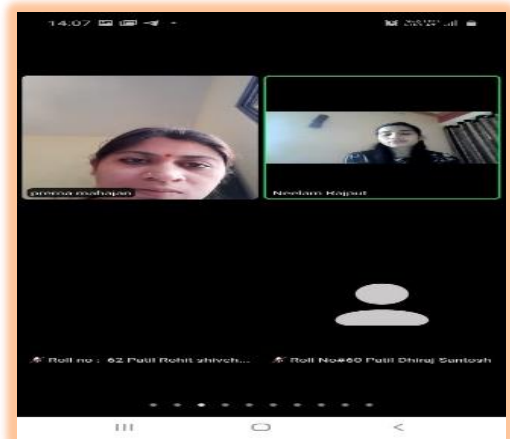
Ms. Neelam Rajput delivering the webinar on ""Career Opportunities in Pharma Industry"
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Women Empowerment Cell Organized Webinar for Girl students on "Women's Wellness" on 7th Oct. 2020 and the invited speaker was Mrs. Ashwini Deshmukh, Nutritional Advisor of Phytabolites Neutraceauticals Pvt. Ltd. Nashik; Nutritional Consultant fit me Studio, Aurangabad and the event coordinator was Mrs. Kranti D. Patil.

Webinar organized by Pharmacology department on "Scope of Pharmacy in Clinical Research Organization" 8 Oct.2020; Invited Speaker: Mr. Mohit Somani, Senior Clinical Research Associate Covance India, Ahmedabad; Co-ordinator: Dr. Kiran D. Patil

E-Seminar organized by Pharmaceutical Chemistry department on "Pharma Graduate-Future Employer" held on 18th Oct. 2020 and the invited speaker was Dr. Vivek Mallurwar, AGM, Titan Laboratories F & D Ghatkoper, Mumbai and Mr. Abhay Sagare AGM, Titan Laboratories R & D, MH. India and the event coordinator was Mr. Jaydeep Tupe.

E-Seminar organized by Biotechnology department on "Vaccine Manufacturing & its Quality Assessment" on 10th Oct.2020 and the invited speaker was Mr. Yogesh Kalal, Vaccine Production Serum Institute of India Ltd. Pune and the event coordinator was Dr. J. C. Hundiwale
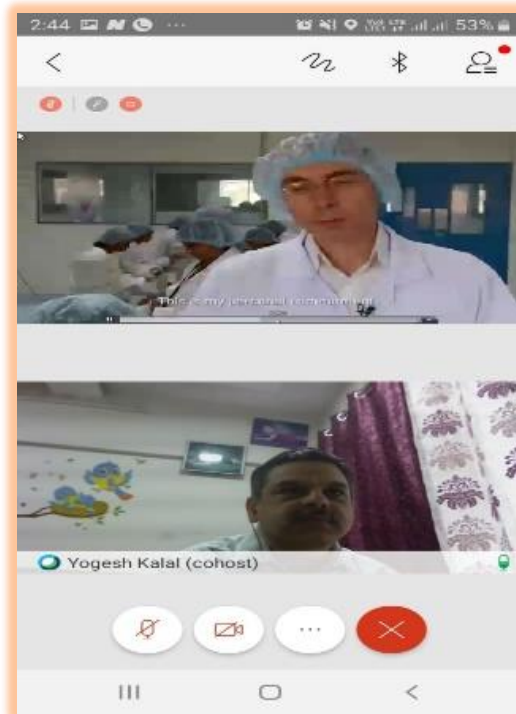
Mr. Yogesh Kalal delivered the e-seminar on "Vaccine Manufacturing and its Quality Assessment"

Webinar on "Indian Pharmaceutical Market Overview & Career Opportunities in Sales & Marketing" on 11th Oct. 2020 and the invited speaker was Mr. Abhijit A. Patil Product Manager FDC Ltd. Mumbai and the event coordinator was Mrs. Suvarnalata S. Mahajan
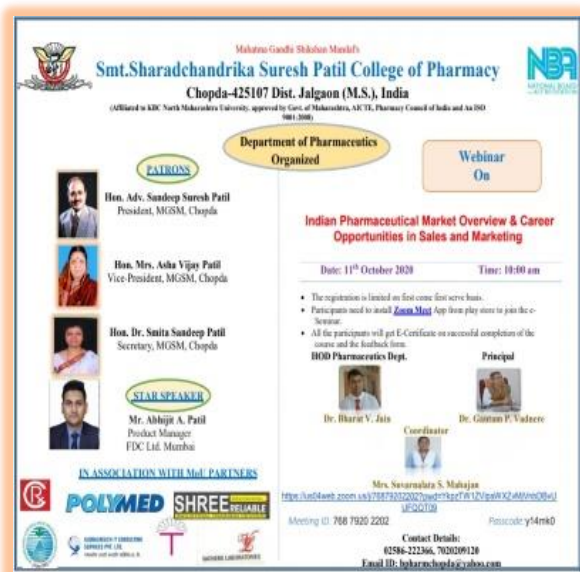
Virtual National Symposium

Virtual National Symposium on "Fighting Diseases with Phytomedicines" was organized by Pharmacognosy department on 4th Nov. 2020 in collaboration with Society of Pharmaceutical Education & Research (SPER).The invited eminent speaker was Dr. Deepak Prabhakar Bhagwat, Principal Swift College of Pharmacy Rajpura. The whole event was coordinated by Dr. Md Rageeb Md Usman.

Inauguration of Facilitation Center by the hands of Principal Dr. G. P. Vadnere & Dr. J. C. Hundiwale along with teaching and non-teaching staff.

श्रध्दांजलि

"The values you set in the organization will always remain with us"

Soulful Tribute to Hon. Founder President Dr. Dadasaheb Suresh G. Patil on 18th Nov. 2020

"Instrument Pujan" on the occasion of Dussehra on 26/10/2020

National level E-poster competition

Competition was organized on 6th Nov. 2020 by Pharmaceutics department on themes like Generic V/s Branded Drug: benefits, Rumours and Truth, Corona Virus Disease: History, Pathophysiology, Prevention And Treatment, Latest Drug Used for Corona Virus Disease and its ADR, My Family- My Responsibility During Covid-19 Pandemic, Recent Advances in Pharma Industry, Nanotechnology, Green Chemistry. In this competition total 64 students was participated from that 20 students were selected for Phase –II. All the students get awarded with E-certificate. E-Poster was evaluated by Dr. Kiran D. Patil, Dr. Md. Rageeb Md. Usman, Dr. Sandip R. Pawar and Prof. Tushar P. Patil. The event coordinator was Mr. Parlhad Kanake and Mr. Jaydeep Tupe.

CONGRATULATIONS-
RESULT OF NATIONAL LEVEL E-POSTER COMPETITION 2020

| Prizes	Name of Winner	Institute Name
First Prize	Rohit Raj	Smt. Sharadchandrika Suresh Patil COP, Chopda
	Sanjana Wattamwar & Bhagyashri V. Gavad	Shri Sai Institute of Pharmacy And Research Aurangabad
Second Prize	Vaibhav Magar & Dipak Popale	Institute of Pharmacy, Badnapur
	Snehal Pawar	Smt. Sharadchandrika Suresh Patil COP, Chopda
Third Prize	Lavina Vinod Rizwani	Prin. K. M. Kundanani COP, Mumbai
	Dhanshri R. Patil & Harsha P. Lodha	Shri Prakashchand Jain COP & Research Jamner
Consolation Prize	Piyush Marathe	Smt. Sharadchandrika Suresh Patil COP, Chopda

Online Training Session

All teaching and non-teaching staff of Smt SSPCOP attended the online Training sessions on e-Verification /scrutiny UG/PG conducted by State CET cell, Mumbai on 3rd Dec. 2020.

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Faculty @ outside
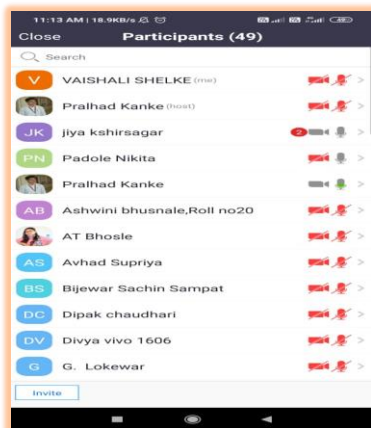
Mr. Pralhad kanake delivered the guest lecture on "Importance and Preparation Strategies for Gpat" on 3 Oct .2020 at Sarswati college of Pharmacy,Kurtadi,Hingoli

Mrs. Kranti D. Patil delivered webinar on topic "Quality and Purity of Herbal drugs" on 14 Octo.2020 at Trimurti Institute of Pharmacy, Jalgaon and at Kai. Yoshodabai Dagadu Saraf Charitable Trust's College of Pharmacy Sakegaon Bhusawal on 17th Octo.2020
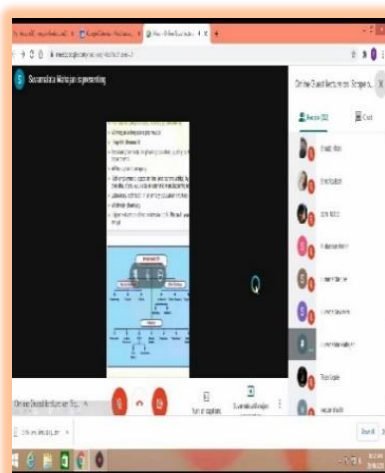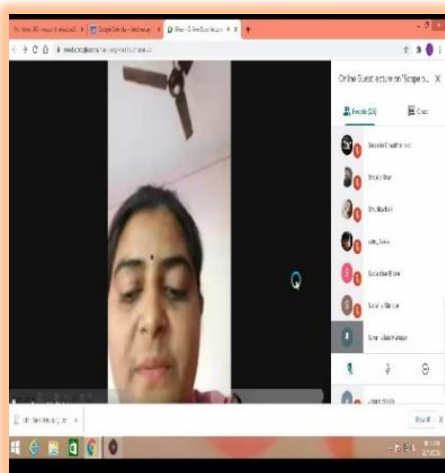
Mrs. Suvarnalata S. Mahajan delivered webinar on "Scope of Pharmacy and Job Opportunities on 28 Oct.2020 at Nanasaheb R. G. Patil Institute Mamurabad, Jalgaon.

- Dr. Kiran D. Patil delivered the webinar on "Basic Concept of Clinical Trials and Scope of Pharmacology in Industry" at Trimurti Institute of Pharmacy, Jalgaon.
- Mr. Kiran D. Baviskar delivered the webinar on "Basic Concepts of Microbiology" at Trimurti Institute of Pharmacy, Jalgaon.
- Mrs. Prerana N. Jadhav delivered the webinar on "Incompatibilities in Prescription" at Khandesh education Society, College of Pharmacy, Amalner on 26 Oct. 2020

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News Section

● शुक्रवार दि. १ जानेवारी २०२१　　　दैनिक पोलिस शोध

चोपडा येथील शरदचंद्रिका सुरेश पाटील औषधनिर्माण महाविद्यालयाला सुवर्ण मानांकन

चोपडा (प्रतिनिधी) - अखिल भारतीय तंत्रशिक्षण परिषद नवी दिल्ली यांच्या वतीने दरवर्षी C-II सर्वे घेण्यात येतो बेळोबेळी महाविद्यालयांनी जागतिक स्तरावर शैक्षणिक बदलांना अनुसरून केलेल्या बदलांचा मार्गांवा घेऊन याचे मानांकन देण्यात येते.

कवयित्री बहीणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ अंतर्गत जळगाव जिल्ह्यातील एकमेव चोपडा येथील महात्मा गांधी शिक्षण मंडळ संचालित श्रीमती शरदचंद्रिका सुरेश पाटील औषधनिर्माणशास्त्र महाविद्यालयाला सुवर्ण मानांकन प्राप्त झाले आहे.

महाविद्यालयाला २०१६ पासून एनबीए मानांकन मिळाले असून महाविद्यालय नेहमी विद्यार्थी केंद्रित सर्वांगीण विकासासाठी प्रयत्नशील असून त्याचेच प्रमाण हे असून सदर यशाचे श्रेय हे संस्थेचे व्यवस्थापन मंडळ, महाविद्यालयाचे भागधारक, चजण पार्टनर्स, विद्यार्थी, सर्व शिक्षक व शिक्षकेतर बंधू भगिनींचे आहे अशी प्रतिक्रिया महाविद्यालयाचे प्रा डॉ गौतम प्र. बडनेरे यांनी दिली. सन २०१६ पासून एनबीए मानांकनाला अधीन राहून व जिल्ह्यातील सर्व विद्यार्थी, पालक यांच्या पाठिंब्यामुळे महाविद्यालयात सन २०२०-२०२१ पासून बिनाअनुदानित

तत्त्वाने डी फार्मसी अभ्यासक्रम ६० च्या क्षमतेने सुरू करण्यात आला आहे. सोबत १९९२ पासून बी. फार्मसी, एम फार्मसी व ड्रॅक्स असे औषधनिर्माणशास्त्रातील सर्व अभ्यासक्रम शिकविले जातात. विद्यार्थ्यांच्या शैक्षणिक व सर्वांगीण विकासासाठी महाविद्यालयातील सर्व शिक्षक-शिक्षकेतर सहकारी नेहमी प्रयत्नशील असतात. सदर यशाचे कौतुक व सर्वांचे अभिनंदन संस्थेचे अध्यक्ष अॅड. संदीप पाटील, उपाध्यक्ष आशा पाटील, सचिव डॉ स्मिता पाटील सर्व कार्यकारी संचालक मंडळ, प्राचार्य डॉ प्रा गौतम बडनेरे यांनी केले आहे.

बी.फार्मसी महाविद्यालयात गुणवंत विद्यार्थ्यांचा गुणगौरव सोहळा उत्साहात

चोपडा : प्रतिनिधी

दैनिक पोलीस शोध
बी. फार्मसी चोपडा महाविद्यालयात लस निर्मिती व गुणवत्ता मूल्यांकन या विषयावर चर्चासत्र संपन्न

चोपडा (प्रतिनिधी) - श्रीमती शरदचंद्रिका सुरेश पाटील औषधनिर्माण-शास्त्र महाविद्यालयाच्या बायोटेक्नॉलॉजी विभागाच्या वतीने नुकतेच दिनांक १० ऑक्टोबर रोजी लसनिर्मिती व त्याचे गुणवत्ता मूल्यांकन या विषयावर एक दिवसीय ई-चर्चासत्राचे आयोजन करण्यात आले होते.

सिरम इन्स्टिट्यूट ऑफ इंडिया लिमिटेड पुणे येथील वॅक्सीन प्रॉडक्शन अधिकारी श्री योगेश कलाल यांनी या चर्चासत्रात सहभागी प्राध्यापक, विद्यार्थी, तसेच फार्मसिस्ट बंधूंना यशस्वीरित्या मार्गदर्शन केले . लस निर्मिती ची सुरुवात कशी झाली, पूर्वी लस निर्मिती करताना कोणकोणत्या अडचणींना सामोरे जावे लागले व आज

○ Yogesh Kalal (cohost)

औषधनिर्माण शास्त्र महाविद्यालयात सातपुड्यातील वनस्पतींवर संशोधन

» चोपडा | प्रतिनिधी

चोपडा येथे बी. फार्मसी महाविद्यालयात राष्ट्रीय स्तरावरील ई-पोस्टर स्पर्धा संपन्न

चोपडा (प्रतिनिधी) - गांधी शिक्षण मंडळ संचालित श्रीमती. शरदचंद्रिका सुरेश पाटील औषधनिर्माणशास्त्र महाविद्यालयात दि.७ नोव्हेंबर रोजी महाविद्यालय तर्फे E Poster स्पर्धेचे आयोजन करण्यात आले होते.

स्पर्धेत १६८ स्पर्धकांनी सहभाग नोंदवून महाविद्यालयाच्या या उपक्रमास भरघोस बळ दिले. सदर स्पर्धेत प्रथम पारितोषिक रोहित राज, संजना बढमवार, द्वितीय पारितोषिक दीपक पोपळे, स्नेहल पवार, तृतीय पारितोषिक लाविना खिजवानी तर उत्तेजनार्थ पारितोषिक धनश्री पाटील, पियुष

महात्मा मराठे यांना मिळाले. स्पर्धे साठी ग्रीन केमिस्ट्री, माझे कुटुंब माझी जबाबदारी आणि विषय देण्यात आले होते. स्पर्धेचे संयोजक महाविद्यालयाचे सहायक प्राध्यापक पी.के. कलके व जे .जी. तुपे यांनी केले. सदर कार्यक्रमाच्या यशस्वी होणे साठी महाविद्यालयाचे प्राचार्य डॉ.गौतम बडनेरे, सर्व विभाग प्रमुख, प्रबंधक तसेच शिक्षक व शिक्षकेतर कर्मचारी यांनी परिश्रम घेतले. संस्थेचे अध्यक्ष अॅड. संदीप पाटील, उपाध्यक्ष आशाताई पाटील, सचिव डॉ. स्मिता पाटील व सर्व कार्यकारी मंडळ यांनी विजेत्या चे अभिनंदन केले.

दै.पोलिस शोध

'उन्नत भारत अभियान' अंतर्गत निर्जंतुकीकरणाचा कार्यक्रम
महाविद्यालयाने चोपडा तालुक्यातील पाच गावे घेतली दत्तक

चोपडा : प्रतिनिधी
राकेश पाटील साईमत

चोपडा येथील औषध निर्माण शास्त्र विभाग निकालात मुलींनी मारली बाजी

चोपडा(नंदलाल मराठे)-कवियत्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ यांनी सन २०१९-२० अंतर्गत औषध निर्माण शास्त्र विभागाचा निकाल नुकताच जाहीर केलेला आहे. विद्यापीठांतर्गत चोपडा शहरातील महात्मा गांधी शिक्षण मंडळ संचालित औषध निर्माण शास्त्र महाविद्यालयाचा १००% टक्के निकाल लागलेला आहे.सालाबादप्रमाणे यावर्षी देखील मुलींनी बाजी मारली आहे. प्रथम वर्षात कु. सलोनी घनश्याम अग्रवाल या विद्यार्थिनीने ६५० पैकी ५५० गुण प्राप्त केले असून ती प्रथम क्रमांकाने उत्तीर्ण झालेली आहे. कु. खुशबू सुनील पाटील या विद्यार्थिनीने ६५० पैकी ५३८ गुण प्राप्त केले असून तिने दुसरा क्रमांक पटकविला आहे. कु.पाटील निकिता कांतीलाल या विद्यार्थिनीने ६५० पैकी ५३५ गुण प्राप्त करून तृतीय क्रमांक मिळविला आहे.

द्वितीय वर्षात सुद्धा मुलींनेच बाजी मारली आहे. कु. नलिनी दिनेश वाघ ७०० पैकी ६०५ गुण प्राप्त केले असून प्रथम क्रमांकाने उत्तीर्ण झालेली आहे.कु.दिव्या दिलीप पाटील ५६६ गुण द्वितीय क्रमांकाने उत्तीर्ण झालेली आहे. कु.मनुजा सतीश झाडे तृतीय क्रमांकाने उत्तीर्ण झालेली आहे. तृतीय वर्षात कु.यज्ञिकी किरण नेहाती हिने प्रथम क्रमांक पटकावला आहे. कुमारी अश्विनी अनिल पाटील व कुमारी अश्विनी दिलीप पाटील या विद्यार्थिनीनी द्वितीय व तृतीय क्रमांक पटकावला आहे. त्यांच्या या यशाबद्दल संस्थेचे अध्यक्ष भैय्यासाहेब संदीप सुरेश पाटील, संस्थेच्या सचिव डॉ. सौ स्मिता संदीप पाटील व महाविद्यालयाचे प्राचार्य डॉ. गौतम प्रकाश वडनेरे तसेच महाविद्यालयाचे सर्व शिक्षक व शिक्षकेतर कर्मचारी यांनी अभिनंदन केले आहे.

चोपडा फार्मसी महाविद्यालयातर्फे फार्मासिस्ट दिवस साजरा

चोपडा (प्रतिनिधी) - महात्मा गांधी शिक्षण मंडळ संचालित श्रीमती शरच्चंद्रिका सुरेश पाटील औषधनिर्माणशास्त्र महाविद्यालय तर्फे २५ सप्टेंबर या जागतिक फार्मासिस्ट दिवसाचे औचित्य साधून चोपडा शहरातील सर्व फार्मसिस्ट यांना कोरोना योद्धा फार्मसिस्ट म्हणून गौरवण्यात आले.

फार्मसिस्ट बांधवांचे आरोग्य सेवेतील महत्व, गरज व कामगिरी लक्षात घेऊन आपण सर्वांनी त्यांच्या बद्दल कृतज्ञ असले पाहिजे त्यांच्या कार्याचा समाजाकडून गौरव झाला पाहिजे, आरोग्य यंत्रणेतील महत्वाचे घटक म्हणून सन्मान मिळाला पाहिजे, तसेच कोरोना सारख्या जागतिक महामारीत फार्मसिस्ट हे आपले कर्तव्य म्हणून औषधीचे जनक, आरोग्य मित्र, आरोग्य सेवा प्रदाता, विश्वासू आरोग्य सल्लागार , औषध मार्गदर्शक, शंका निरसन करणारा,म्हणून कार्यरत आहे

समाजिक बांधिलकी म्हणून त्यांचा उचित सन्मान व्हावा या उद्देशाने महाविद्यालयाने त्याचा कोरोना योद्धा फार्मसिस्ट म्हणून गौरव केला.

कोरोना महामारीचे बंधन पाळून केमिस्ट असोसिएशनचे अध्यक्ष दीपक पाटील यांचा सत्कार करून त्यांना प्रातिनिधीक स्वरूपात प्रमाणपत्र देण्यात आले व राहिलेल्या फार्मसिस्ट बांधवांचे प्रमाणपत्र हस्तांतरित करण्यात आले. सदरील उपक्रमासाठी संस्थेचे अध्यक्ष अॅड. संदीप पाटील, उपाध्यक्ष आशा पाटील, सचिव डॉ. स्मिता पाटील सर्व कार्यकारी संचालक मंडळ, प्राचार्य डॉ प्रा गौतम वडनेरे यांनी मार्गदर्शन केले व फार्मसिस्ट दिनाच्या शुभेच्छा दिल्या. सदरील कार्यक्रम चे यशस्वी आयोजनासाठी सर्व विभागप्रमुख, सर्व शिक्षक व शिक्षकेतर बंधू - भगिनींनी परिश्रम घेतले.

पोलीस शोध दैनिक   **दि.28/9/2020**

उन्नत भारत अभियानांतर्गत चोपड्यात निर्जंतुकीकरणाचा कार्यक्रम

तभा वृत्तसेवा
चोपडा, ३ ऑक्टोबर

येथील महात्मा गांधी शिक्षण मंडळ संचलित श्रीमती शरदचंद्रिका सुरेश पाटील औषधनिर्माणशास्त्र महाविद्यालयाने भारत सरकारचा उपक्रम उन्नत भारत अभियानात सहभाग घेतला आहे.

या अभियानांतर्गत महाविद्यालयाने चोपडा तालुक्यातील भारडू, तावसे बु , गरताड , वेले व हातेड खु. ही पाच गावे दत्तक घेतली आहे. महात्मा गांधी जयंतीचे औचित्य साधून महाविद्यालयाने पाच गावात सोडियम हायपोक्लोरीडचे प्रत्येकी १० लिटरचे वाटप करून गावात फवारणी करून निर्जंतुकीकरण करण्यात आले.

ही मोहीम राबविण्यासाठी गरताड चे प्रशासक श्रीमती कोष्टी, ग्रामसेवक निलेश पाटील, तावसे बु.चे सरपंच कमलबाई जीवनलाल चौधरी, ग्रामसेवक जितेंद्र पंडीत

निनायदे, भारडूचे सरपंच रतन पोपट मोरे, ग्रामसेवक नंदकिशोर सोनवणे, हातेड खु.चे सरपंच ज्ञानेश्वर तुकाराम अहिरे व ग्रामसेवक श्रीमती एस.एन.पाटील यांचे सहकार्य लाभले. महाविद्यालयने या अगोदर उन्नत भारत अभियानांतर्गत दत्तक गावातील गावांचे व्हॉट्सएपचे ग्रुप तयार करून त्यावर कोविड १९ चे प्रबोधनपर जनजागृती करण्यात आली. सोबत कृषी विज्ञान केंद्र पाल यांच्याकडून प्राप्त होणारी माहिती देण्यात येते.

या उपक्रमासाठी संस्थेचे अध्यक्ष अॅड. भैय्यासाहेब संदीप पाटील, उपाध्यक्ष आशाताई विजय पाटील, सचिव डॉ. स्मिताताई पाटील, सर्व कार्यकारी संचालक मंडळ, प्राचार्य डॉ.प्रा.गौतम वडनेरे यांचे मार्गदर्शन लाभले. मोहीम राबविण्याचे कार्य शिवदास सोनवणे, भिका पाटील, कैलास रूपवते, भागवत सोनवणे, जगदीश पाटील यांनी केले. कार्यक्रमासाठी सर्व विभागप्रमुख, प्रबंधक, सर्व शिक्षक व शिक्षकेतर कर्मचारी यांनी परिश्रम घेतले.

तरूण भारत दैनिक

ऑनलाईन वक्तृत्व स्पर्धेत यशस्वी मुथा प्रथम

तभा वृत्तसेवा
चोपडा, १३ जून

येथील महात्मा गांधी शिक्षण मंडळ संचलित श्रीमती शरदचंद्रिका सुरेश पाटील औषधनिर्माणशास्त्र महाविद्यालय यांच्या वतीने लॉकडाऊनच्या काळात कनिष्ठ व वरीष्ठ महाविद्यालयीन स्तरावर विद्यार्थ्यांच्या सुप्त गुणांना वाव मिळावा यासाठी राज्यस्तरीय ऑनलाईन वक्तृत्व स्पर्धेचे आयोजन करण्यात आले होते. स्पर्धेसाठी लॉकडाउन व निसर्ग, लॉकडाऊननंतरच्या औषधनिर्माण क्षेत्रातील संधी, सुख: गर्दीत की एकांतात, लॉकडाऊनमधील शिक्षण काळाची गरज, औषधनिर्मात्याचे लॉकडाऊनमधील योगदान हे विषय

देण्यात आले होते.

स्पर्धकांनी दिलेल्या कुठल्याही एका विषयावर ५ ते ६ मिनिटे आपले नाव व महाविद्यालयाचे नाव सोबत दिलेल्या विषयावर सादरीकरण किंवा आपले म्हणणे मांडणे अपेक्षित होते. स्वत:चा तयार केलेला क्लिडिओ या व्हाट्सअप्प ग्रुपवरती अपलोड करायचा होता. या स्पर्धेसाठी एकूण राज्यभरातून २४३ स्पर्धकांनी सहभाग नोंदला होता. या स्पर्धेत प्रथम बक्षीस यशस्वी योगेश मुथा पारोळा (सुख:गर्दीत का एकांतात) ,द्वितीय बक्षीस धिरज संतोष पाटील चोपडा (लॉकडाऊन

व निसर्ग) ,तृतीय प्रतीक्षा रवींद्र सोनवणे चोपडा(औषधनिर्मात्याचे लॉकडाऊन मधील योगदान) ,उत्तेजनार्थ ईश्वर सुनील महाजन पारोळा(लॉकडाऊनमधील शिक्षण काळाची गरज),राजेश पाटील पाचोरा (सुख: गर्दीत की एकांतात) व चिराग नितीनसिंग बयस धरणगाव(लॉकडाऊनमधील शिक्षण काळाची गरज) यांना मिळाले आहे. सर्व सहभागी स्पर्धकांना प्रमाणपत्र देण्यात आलेले आहे. सर्व विजेत्यांचे संस्थेचे अध्यक्ष अॅड.संदीप पाटील, सचिव डॉ.स्मिताताई पाटील, प्राचार्य प्रा.डॉ.गौतम वडनेरे यांनी अभिनंदन केले आहे. मुख्य समन्वयक प्रा.डॉ. संदीप पवार,संयोजक म्हणून प्रा.दिपक पाटील यांनी पाहिले.

चोपड्यात बी.फार्मसी महाविद्यालयात राष्ट्रीय ई-पोस्टर स्पर्धेत रोहितराज प्रथम

औषध निर्माणशास्त्र महाविद्यालयाने घेतली पाच गावे दत्तक

Training program under the Scheme of "Unnat Bharat Abhiyan"

Department of Pharmacognosy organized training program on **"Bricks Made from Cow Dung and Cotton Tree as a Natural Fuel"** under the Scheme of **"UNNAT BHARAT ABHIYAN"** on 17/02/2021.

Department of Pharmacognosy organized Training Program on handling of Equiptronics UV

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Article Section-II

Digital Pharmacist

Name: Neha Deepak Jogi
Class: Final Year B-Pharm
Roll No: 72
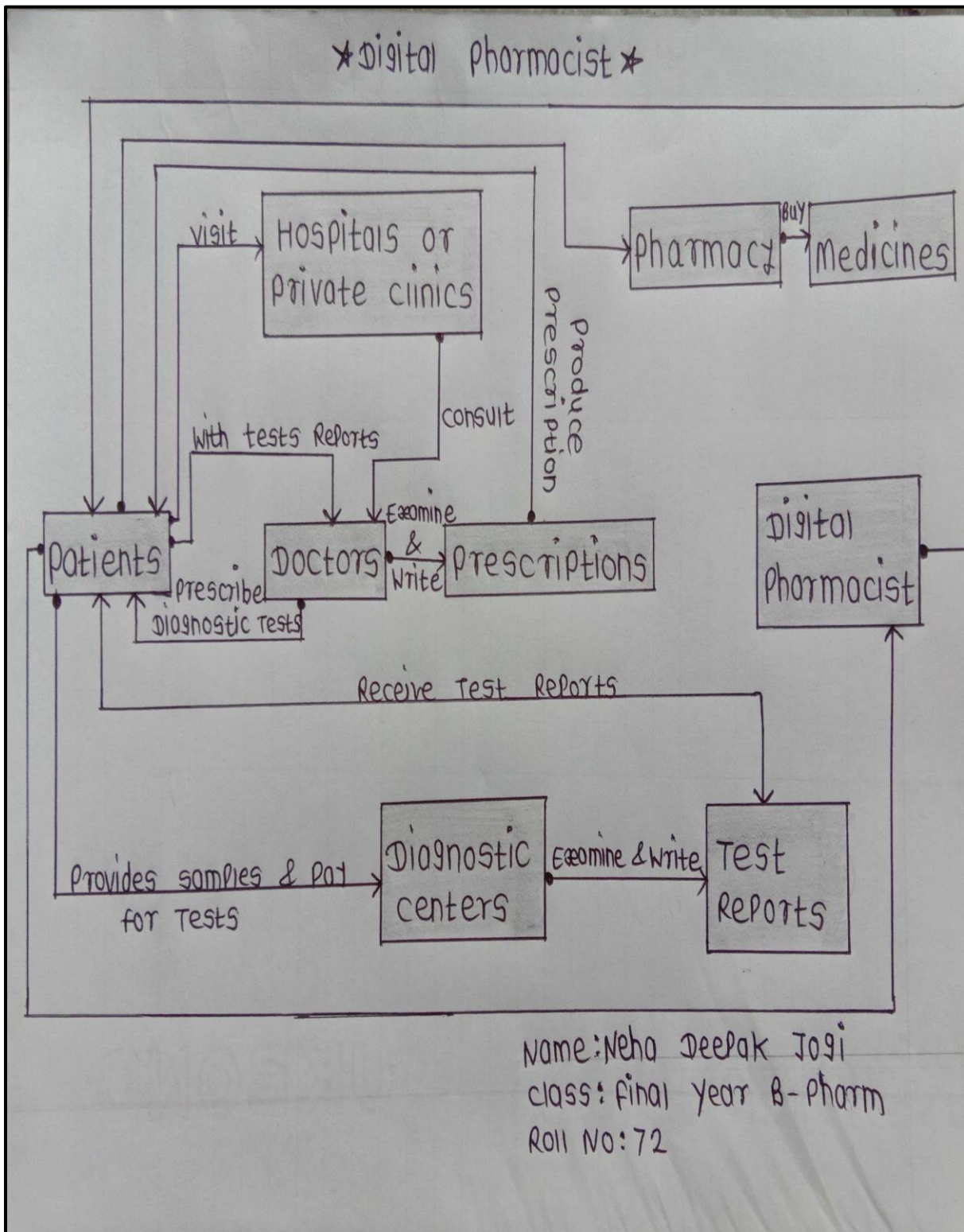
E-Prescribing

Electronic prescribing, or "E-prescribing," allows health care providers to enter prescription information into a computer device and securely transmit the prescription to pharmacies using a special software program. E-prescribing is growing rapidly, not just because the technology has improved, but because of the substantial benefits for patients and health care providers.

E-prescribing offers many benefits for all involved from the prescriber in the patient room to the pharmacy employee who hands the patient the prescription. Here are a few ways E-prescribing is beneficial.

1) Instant notification of allergies, drug interactions, duplicate therapies

E-Prescribing gives prescribers full insight into a patient's previous prescription history at the click of a button. System alerts inform prescribers of allergies, potential drug interactions, as well as duplicate therapies, pregnancy and other issues that would be contraindicated for a patient when taking a particular medication.

2) Prevent prescription drug errors

According to the FDA, as many as 95,000 prescription drug errors have been made since 2000. Contributing factors to these errors include drugs that sound similar or have similar spelling.

For example, Valtrex (valACYclovir) and Valcyte (valGANciclovir), are both used for cytomegalovirus (CMV), but for different reasons. A heart transplant patient receiving Valtrex when they need Valcyte is a problem. By utilizing E-Prescribing, both the prescriber and those who handle the prescription along the way can feel assured they have given the patient the correct medication.

3) Easily prescribe controlled substances

Some E-Prescribing software allows E-prescriptions to be sent for controlled substances to pharmacies in the same process used to e-prescribe legend drugs. This increases workflow efficiencies for the healthcare team and convenience for patients.

4) Monitor controlled substance prescriptions

Prescribers can track the number of controlled substance prescriptions a patient has received decreasing the likelihood of over-prescribing or doctor shopping. E-prescribing makes it easier for states to track data across multiple pharmacies.

Many states have a prescription drug monitoring program (PDMP).

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A **PDMP** is a statewide electronic database that collects specific data on substances dispensed in the state.

In states that require e-prescribing, the PDMP registry must be consulted when writing prescriptions for Schedule II, III, and IV controlled substances.

5) Reconcile medication history quickly

Prescribers can view a patient's medication history instantly when using E-prescribing.

6) Meet meaningful use requirements

Along with the many benefits E-prescribing offers, it also meets necessary foundation criteria of meaningful use in the following ways:

- Stage 1 – required 40% of prescriptions to be sent electronically
- Stage 2 – required more than 50% of prescriptions to be sent electronically
- Stage 3 – requires more than 80% of prescriptions to be sent electronically

7) Easily track prescription fulfillment

When a patient leaves with a handwritten prescription, there is no way to track if the medicine gets filled.

With E-Prescribing, prescribers can track if patients fill prescriptions, giving physicians the ability to counsel patients on medication management if needed. Prescribers can also follow how often prescriptions of controlled substances are filled to monitor potential drug abuse.

8) Reduce lost prescriptions

Paper prescriptions are small and easy to misplace which adds work for medical offices as they must rewrite or call the prescriptions into the pharmacy. E-Prescribing allows prescriptions to be sent directly to the pharmacy, so patients don't have to keep track of another piece of paper.

9) Spend less time on prescription refill requests

10) Pharmacy employees spend less time calling to verify orders

Having accurately written prescriptions saves pharmacy employees time as they do not have to call prescribers to verify orders.

Several medications are available in multiple forms, strengths, and dose. E-Prescribing software provides drop-down menus that prompt prescribers to fill out all vital information for a prescription. Many E-Prescribing software systems use standard drug dictionaries and require specific fields be completed before the order will send.

11) Easily prescribe medications that are covered by insurance

Patients are more likely to comply with medication therapy when prescribed medications they can afford. Many E-Prescribing software programs make it easy for the prescriber to choose

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generic medicines which are more likely to be covered by the patient's insurance. When the patient incurs fewer costs, there is a better chance they will be compliant with the needed drug therapy.

Reference: https://www.carecloud.com/continuum/14-benefits-of-e-prescribing/

Pratiksha B. Patil

Second Year B. Pharm

"E-Learning"

"E-Learning – education conveyed via electronic means." There may be other insignificantly different definitions, but this could be considered succinct.

Concept of e-learning

e- Learning is imparting and facilitating knowledge on media, electronic devices like that on the Internet, CD-ROMs, and DVDs, streaming media etc. It has drifted the method of learning imparted to the students. Unlike conventional chalk and board style of schooling, eLearning makes giving and receiving simpler, prolific, and productive. Shortly, it is the method of teaching purely through technology.

The word e-learning is used synonymously with virtual knowledge, online education, computer-based training, web-based knowledge, and networked education. Whatever may be the explanation of e-learning, it is revamping the style traditional academia teaches and the learners grasp.

Types of e-learning

Completely online – no vis-a-vis meetings

Mixed Learning – A blend of online and direct communication

Synchronous –the communication between the provider and receiver happen directly as in chat rooms, or video-audio conferencing.

Asynchronous- The information is passed through forums, emails, wikis etc.

Self-study, Web-based learning, CD-ROMs, Audio and Visuals

https://elearningindustry.com/9-benefits-of-elearning-for-students　　　　**Rohit Raj**

Third year B. Pharm

The Most Important Benefits of e-Learning for Students

Today's learners want relevant, mobile, self-paced, and personalized content. This need is fulfilled with the online mode of learning; here, students can learn at their own comfort and requirement. Let's have an analytical look at the advantages of online learning.

1. Online Learning Accommodates Everyone's Needs

The online method of learning is best suited for everyone. This digital revolution has led to remarkable changes in how the content is accessed, consumed, discussed, and shared. Online educational courses can be taken up by office goers and housewives too, at the time that suits them. Depending on their availability and comfort, many people choose to learn at weekends or evenings.

2. Lectures Can Be Taken Any Number of Times

Unlike classroom teaching, with online learning you can access the content an unlimited number of times. This is especially required at the time of revision when preparing for an exam.

3. Offers Access to Updated Content

A prime benefit of learning online is that it makes sure that you are in synchronization with modern learners. This enables the learner to access updated content whenever they want it.

4. Quick Delivery of Lesson

e- Learning is a way to provide quick delivery of lessons

5. Scalability

e- Learning helps in creating and communicating new training, policies, concepts, and ideas. Whether it is for formal education or entertainment, eLearning is very quick way of learning!

6. Consistency

e- Learning enables educators to get a higher degree of coverage to communicate the message in a consistent way for their target audience.

References: https://www.digitalclassworld.com/blog/importance-of-elearning-in-education/

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Emerging technologies in E-learning

- **Augmented reality**

The use of augmented reality visual content is able to catch student's attention. It ensures you the engagement and interaction of the students in lessons, as they are seeing and experiencing what they are learning. The use augmented reality to learn abstract and complex concepts because it helps students to visually see complex 3D models rather than imagining it in mind.

- **Artificial intelligence**

Artificial intelligence is one of the most discussed topics in the educational industry. Artificial intelligence in education is a significant technology which helps education in a number of ways. Personalized learning is one of the most important area of education that has used artificial intelligence. In personalized learning, AI helps you to find the best course material for you based on your identity, interests and your way of learning. Artificial intelligence replaced the old-fashioned classroom study with a more personalized and student-centered approach. Artificial intelligence can monitor overall performance by identifying the strength and weakness of a learner. It can rank learners based on their performance and give real-time suggestions to improve the overall performance of their studies. Artificial intelligence is very important so as to keep track, report and monitor the performance of the learners.

- **Student data privacy and security**

In the era of online education, the student data should be handled safely. In digital learning students may be required to share their personal information with many online services. This data sometimes get compromised and misused if not handled securely. Data security can be defined as the protection of data, usually in digital form, from unauthorized or unwanted access, use, and dissemination.

Hacking into a online learning portal makes it possible to extract all the student data including their personal details. It can be shared online for malicious purposes. A secure e-learning portal helps protect the student data from being hacked and ensures their security. It includes host security, network security, malware prevention etc.

- **Internet of things (IOT)**

Many of you people are wondering what is internet of things or simply IOT. In layman's terms internet of things is taking all the things in the real world (for ex: a light bulb, a car or any material thing) and connecting them to the Internet. Now you may be wondering how IOT will be useful in e-learning.

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IOT helps to create a global network among educators and students. This helps learners to interact with their peers worldwide.

- **Learning Management systems**

A learning management system is a software that is used to deliver courses or training programs for students. It helps to manage the courses efficiently. By using a custom e-learning development, anybody can create, change and assign courses for students.

Using a learning management system you can give personalized courses to each student. You can identify the weakness and strengths of the student, and create customized courses that will help students to concentrate more on their weakest part to improve it. Many LMS support live chats with educators also, this will help shy students to ask their doubt and clarify it.

- **School management systems**

The education industry is undoubtedly one of the sectors that have found the best use of technology. This has helped education industry to save time and money to a great extent by avoiding manual paperwork and taking many shortcuts in their daily academic and administrative activities. Software like **EduXpert School Management System, Fedena**, etc. are changed the way of how a modern school operates.

Cloud computing

Cloud computing is simply the group of computing resources located at various places in the world. The system can be shared and accessed from anywhere in the world. Cloud computing guarantees the access to basic data to anyone utilizing any gadgets from the workplace.

- **Mobile learning**

Mobile learning or M-Learning is the method of learning through your personal mobile devices such as smartphones, tablets or even a laptop. The study materials are either downloaded into the device or accessed online. Mobile learning allows flexibility, allowing students access to education anywhere, anytime.

- **Virtual and remote laboratories**

Virtual laboratories are web applications that emulate the operations of real laboratories. Virtual laboratories can be accessed anywhere without the need for a physical system, and it enables students to practice in a "safe" environment before using real, physical components.

More than 80% of students who used virtual laboratories scored higher in examinations compared to a control group. With 386 students, 80% suggested adapted to self-learning using virtual laboratories. 82% of university teachers who employ virtual laboratories indicated using them to complement teaching material and reduce teaching time.

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- **3-D printing**

3-D printing is another helpful technology students using these days. It helps students print out 3-D prototypes. Learners can also take 3-D printouts of difficult to visualize structures to help understand easily. Such as 3-D structures of molecules for chemistry students, 3-D structures of cells, viruses, organs for biology students, topography, demographic, or population maps for geography students, etc.

Source: https://eduxpert.in/10-emerging-technologies-education/

Shubhangi Suryawanshi

Ashwini Pawar

Final Year B. Pharm

Best Zoom alternatives for online classes in India

1. Google Meet
2. JioMeet
3. Airtel Blue Jeans
4. Microsoft Teams
5. Skype

- **Google Meet**

Supports 100 members with up to 60 minutes call limit

Live Captions

Integrated with Google and Microsoft Office apps

Can be paired with Google Classroom

- **Jio Meet**

Connect with up to 100 members for free

Literally no time limit

Support for up to 5 devices at a time

HD calling

- **Airtel Blue Jeans**

50,000 participants video call limit

High-grade security

Watch highlights

Assign action

- **Microsoft Team**

Up to 24 hours call limit

Integration with Microsoft Office apps

File storage option

Chatbox integration

- **Skype**

Can host 50 members

No time limit

Multi-device support

Live subtitles

Call recording

1. Google Meet

Unlike Zoom, its alternative Google Meet allows free video calls to up to 100 members at once for about 60 minutes. The limit is further set to expand up to 24 hours per meeting later this month, as per Google. The advantage of Google Meet includes unlimited numbers of meetings, live captions during a conference call, screen sharing with participants, integrated chat box, and integration with Google and Microsoft Office apps. Apart from this, the app can be paired with Google Classroom, which is a proprietary app designed for students and teachers with features like assigning classwork, creating classes, grading assignments, class comments, and more for better learning.

2. JioMeet

JioMeet is Reliance Jio's answer to zoom. The video conferencing app from Mukesh Ambani-promoted Telco supports direct calls (1:1 calling) as well as hosting meetings with up to 100 participants. There is no time limit with the app that can be run up to five devices at a time. You can sign up for this Zoom app alternative for online classes with your phone number or email ID, and the meetings support HD quality. Additionally, the platform has a very Zoom-like interface with unlimited meetings per day, screen sharing option, waiting room, and chatbox.

3. Airtel Blue Jeans

Blue Jeans is US-based Verizon's video conferencing app that forayed into the Indian market a couple of months ago with a partnership with Airtel. This alternative to zoom app for online classes can add up to 50,000 participants in a single call. The app is also equipped with high-grade security, which will prevent unwanted participants from joining meetings and protect end-user privacy, ability to capture important discussion points during the call, assign action, and watch highlights of the meetings. However, there's a catch. Blue Jeans is only available for free during the trial period. Airtel's chief Vittal has said that the company will announce packages for the video conferencing app soon.

4. Microsoft Teams

Microsoft Teams is great for online classes in short batches. The video conferencing app, an alternative to Zoom, can host up to 50 members at once for as long as 24 hours for free. This can be extended up to 10,000 members with the paid version. Additionally, the Microsoft Teams also has Office apps – including Microsoft Word, Excel, and PowerPoint – as well as file storage and sharing option and chatbox integration for better productivity.

5. Skype

If not the above apps, you can always have the good ol' option Skype as an alternative to the Zoom app for online classes. Skype also supports up to 50 members in a conference call with no time limit. The app also has a screen sharing option, live subtitles, and call recording feature to go through the session again. Other features of the app include HD video calling support, voice calling, multi-device support, and messaging option.

References:https://www.91mobiles.com/hub/best-zoom-app-alternatives-for-online-classes-in-india/

Sachin Patil

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"All Birds find shelter

During a rain.

But Eagle avoids rain

By flying above the

Clouds"

APJ Abdul Kalam

Application Platforms for Free Online Video Seminars or Teaching

A **video seminar** is organized with the main objective of enhancing the knowledge level and skills of all participating. With the technological support available today, **video seminars** have become quite effective as a medium of training and they can be conducted online with relative ease than any time in the past.

You may have given a thought about conducting **online video seminars** to teach your employees. They are always effective as a supplement to all those face-to-face **training programs** with online components. You have various **training platforms** available to share your expertise through an online course and you can also create a hybrid program. Here are six of the best free online learning sites available to you and these are places where trainers would like to explore and take advantage of the features they offer –

- **Udemy** – This is a **free online platform for teaching** and training. More than two million students across the world use its thirteen thousand courses on offer. It allows the trainers to design strong and interesting classes that include video seminars, screencast videos, PowerPoint files, audio files, documents and text classes.
- **Zoho Meeting** – This is a **web conferencing platform** which allows trainers to host free online video seminars. It is meant for business organizations with a large number of teams that are scattered over vast geographical locations. It helps the trainers to get the teams together in real time without the need of physical meetings. The software provided by this platform includes both audio and video features. The meetings can be conducted directly when the desktops are shared with all the participants.
- **RCampus** – This is a **learning platform** that is utilized by trainers to generate courses and student assignments. Trainers can now hold discussions in sessions; keep the grades of students and post several kinds of educational content like videos, images and links. This platform can also be used as a **management system ePortfolio** where both the faculty and the students can build up presentation portfolios which are functional to demonstrate their knowledge as well as skills for their career development.
- **Learnopia** – This is a **free learning platform** that can be used online by trainers to offer courses after designing them. The courses will include audio files, videos, pdf documents and PowerPoint presentations. The courses have a feedback system through tests that consist of multiple-choice questions.
- **Peer 2 Peer University** – This is an **open-education project** which provides free courses of university level. It is managed by volunteers and instructors will be able to create various courses and provide curriculum that can be taught with the help of a slideshow, documents, videos and discussion boards. This is one of the best free learning platforms available to trainers.

- **Teachers Pay Teachers** – This is a website where trainers can share and sell their teaching material besides using this **free platform** to teach their students. Trainers can post learning kits, videos, study plans through lessons, clip art and study guides.

Reference: https://hc.services/online-video-apps/6-application-platforms-free-online-video-seminars-teaching/

Divya Patil

Third Year B. Pharm

"At the heart of effective technology integration,
Technology offers opportunities to be more actively involved in the learning experience."

Venesa Veg

Artificial Intelligence

Though artificial but genuine

Though not a human but has a brain,

Though no emotions but teach how to emote,

Though not eating but teach how to cook,

Though not writing but teach how to write,

Though not studying yet it gives tips in studying,

Though no diploma but master in all degrees,

The master of all, but sometimes meet trouble,

Like humans it feels tiresome

Just unplugged and open once more,

Your artificial Gadget,

Never complain even being called as

'Computer'

Shital Ingale
Final Year B. Pharm

Online Learning

Lockdown मध्ये बाबांनो असे भी दिवस आले खाटेवर झोपत झोपत आमचे लेक्चर पुरे झाले. आवाज यायचा कधी तर स्क्रीन दिसायची नाही दिसायला लागली की सर्वच राहायचे नाही तरी बी आम्ही एक्स्ट्रा इंटेलिजंट सगळे उमजून घेतले. दोनच महिन्यात सगळे सिल्याबस उरकून घेतले. हसताय काय बाई आमचे लई हाल झाले नेटवर पकडण्यात तासन्तास उन्हाचे चटके सोसले बिन टॉवरचे गाव आमचे नेटवर्क निसटून जायचे त्यातच लेट झाले म्हणजे सर हाकलून द्यायचे मोबाईल मध्ये तोंड खुपसून लई डोळे दुखायचे. सर मॅडम यांचे घसे कोरडे पडायचे कितीही वाचले पीडीएफ ला तरी उमजत नव्हते. काही पण दुसरा इलाज नव्हता, काय करायचे बाई ऑनलाइन लर्निंग म्हणजे अभ्यासाचा वांदा होता लेक्चर च्या link ची वाट बघत बसणे हाच मोठा धंदा होता. काही जण लेक्चरला खूप बोर व्हायचे काही तर स्वप्नातच इकडेतिकडे फिरायचे. म्यूट करून चालायचा काहींचा कल्ला. सरांचा व्हायचा मग त्यांच्यावर हल्ला. परत परत इन्स्ट्रक्शन्स देऊन सरांचे हाल व्हायचे अन म्यूट झालेल्यांना मात्र लगेच रिमुव्ह करायचे पण आता बस करा-----

पुन्हा येऊ द्या हातात खडू एका हातात छडी त्याशिवाय न फुले मनात अभ्यासाची कळी

अहो

उन्हाळा पावसाळा हिवाळा वर्ष निघून गेले तरीही आम्हाला कॉलेजचे दर्शन नाही झाले बरी असते कॉलेज बाई बरी असते शाळा कम्प्यूटर वर कसा मूर्ती बनेल मातीचा गोळा.

Nikita Kantilal Patil

Second Year B. Pharm

Digital Pharmacy

Digital Pharmacy is the convergence of the digital revolution with pharmacy. It's how digital tools and technologies are used to improve pharmacy business, practice and patient care.

https://www.pharmacymentor.com

Pratiksha Jain, Third Year B. Pharm

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Online Learning

The Advantages of Online Learning

Efficiency, Accessibility of Time and Place, Affordability Improved Student Attendance,

Suits a Variety of Learning Styles

Disadvantages of Online Learning

Inability to Focus on Screens, Technology Issues, Sense of Isolation, Teacher Training, Manage Screen Time

Only in a small group a person can develop properly. At school, students learn how to make friends, be patient, get rid of disappointment, and especially to compete. Competition between colleagues can be very stimulating and students will only benefit from it. **Online learning** cannot offer human interaction. Another **disadvantage** refers to the fact that online courses cannot cope with thousands of students that try to join discussions. Also, online learning can be difficult, if it is meant for disciplines that involve practice.

In conclusion, online learning should be seen as a complement and extension of classical forms of learning. Not even the best online course can fully replace the personal contact with a teacher, or the human relationships that develop in a group. So, traditional classes shouldn't be replaced with online learning.

References:https://elearningindustry.com/advantages-and-disadvantages-of-online-learning

Nikita Kantilal Patil,

Second Year B. Pharm

Faculty Contribution

(Publications, FDP, Conference/Webinar)

Sr. No	Name of Faculty	(National, International Conference, Webinar, Workshop	Book, Research Paper	FDP
1.	Dr. Gautam P. Vadnere	6	2	2
2.	Dr. Avinash V. Patil	6	2	2
3.	Dr. Jogendra C. Hundiwale	7	2	2
4.	Dr. Kiran D. Patil	5	-	3
5.	Dr. M Rageeb Md. Usman	25	6	10
6.	Dr. Bharat V. Jain	15	1	4
7.	Dr. Mahesh S. Kale	4	2	2
8.	Dr. Sandip R. Pawar	18	5	3
9.	Dr. Shelly Gupta	5	4	2
10.	Mr. Tushar P. Patil	5	-	2
11.	Mrs. Kranti D. Patil	17	-	2
12.	Mr. Tanvir Y. Shaikh	10	3	3
13.	Mrs. Suvarnalata S. Mahajan	18	1	3
14.	Mr. Kiran D. Baviskar	10	3	3
15.	Mrs. Prerna N. Jadhav	19	-	5
16.	Mr. Pralhad K. Kanke	5	1	3
17.	Mrs. Priyanka V. Patil	12	2	4
18.	Mr. Swapnil D. Salunkhe	4	-	1
19.	Mr. Ashish D. Vaikunthe	4	2	2
20.	Mr. Atul A. Sabe	5	2	3
21.	Mr. Rohit S. Patil	5	-	3
22.	Mr. Chetan F. Chhajed	3	2	3
23.	Mr. Ashish G. Agrawal	5	2	3
24.	Mr. Sunny S. Dhavale	4	1	2
25.	Mr. Jayesh Nimbalkar	2	-	3
26.	Mrs. Priyanka Jain	8	1	3
27.	Mr. Deepak Manohar Patil	9	1	3
28.	Miss. Akansha Lalit Patil	1	-	-
29.	Miss. Mayuri Kailas Patil	2	-	-

Artistic Section

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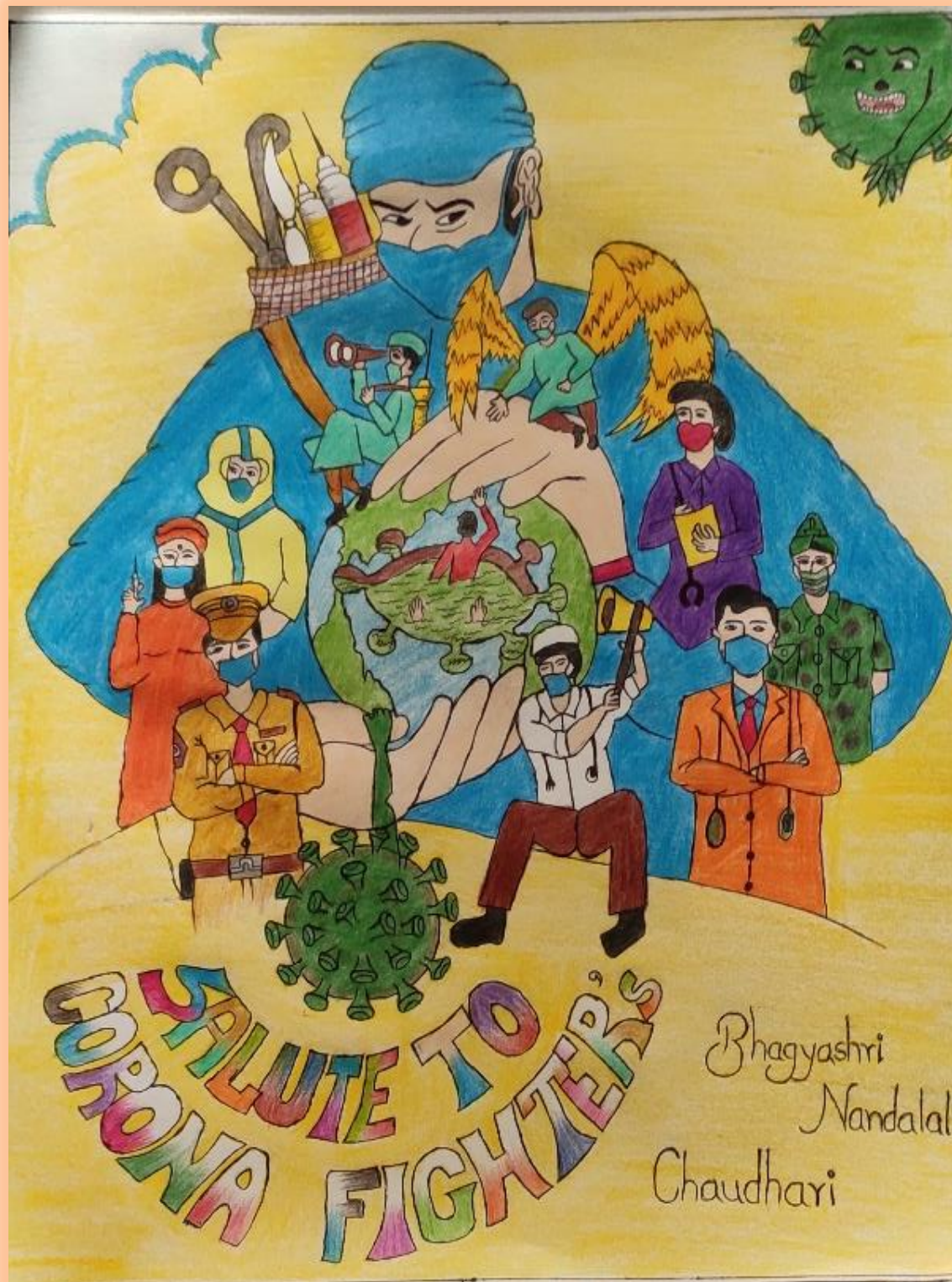
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Mayur Rajale Third Year B. Pharm
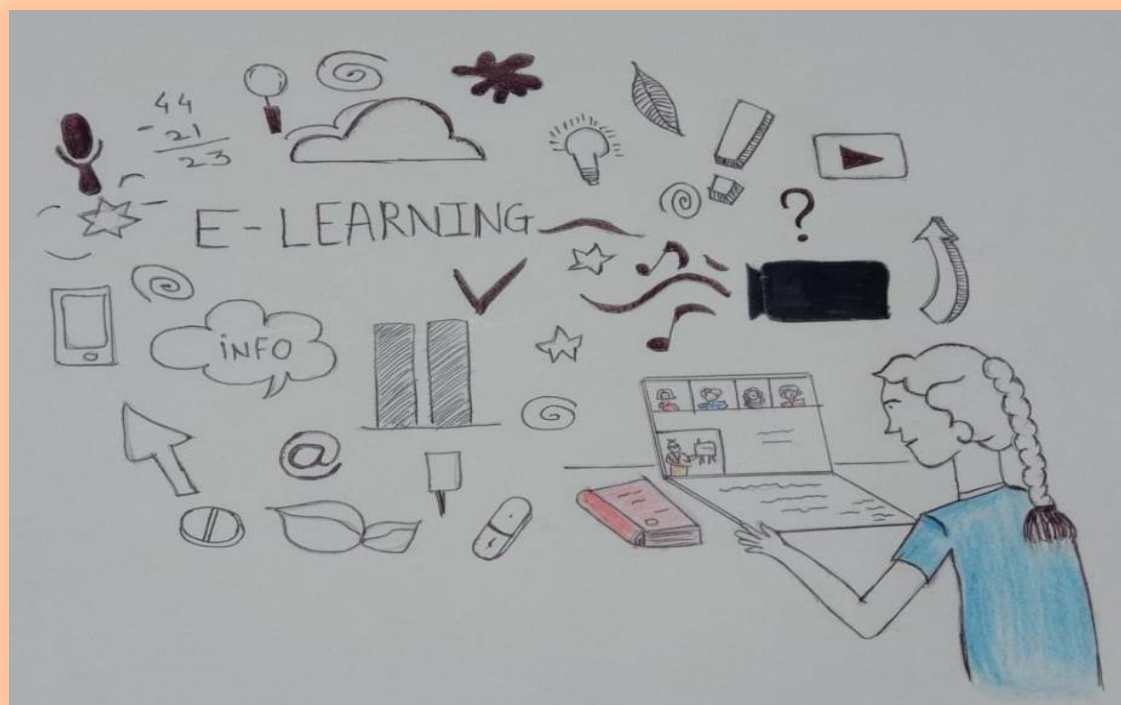
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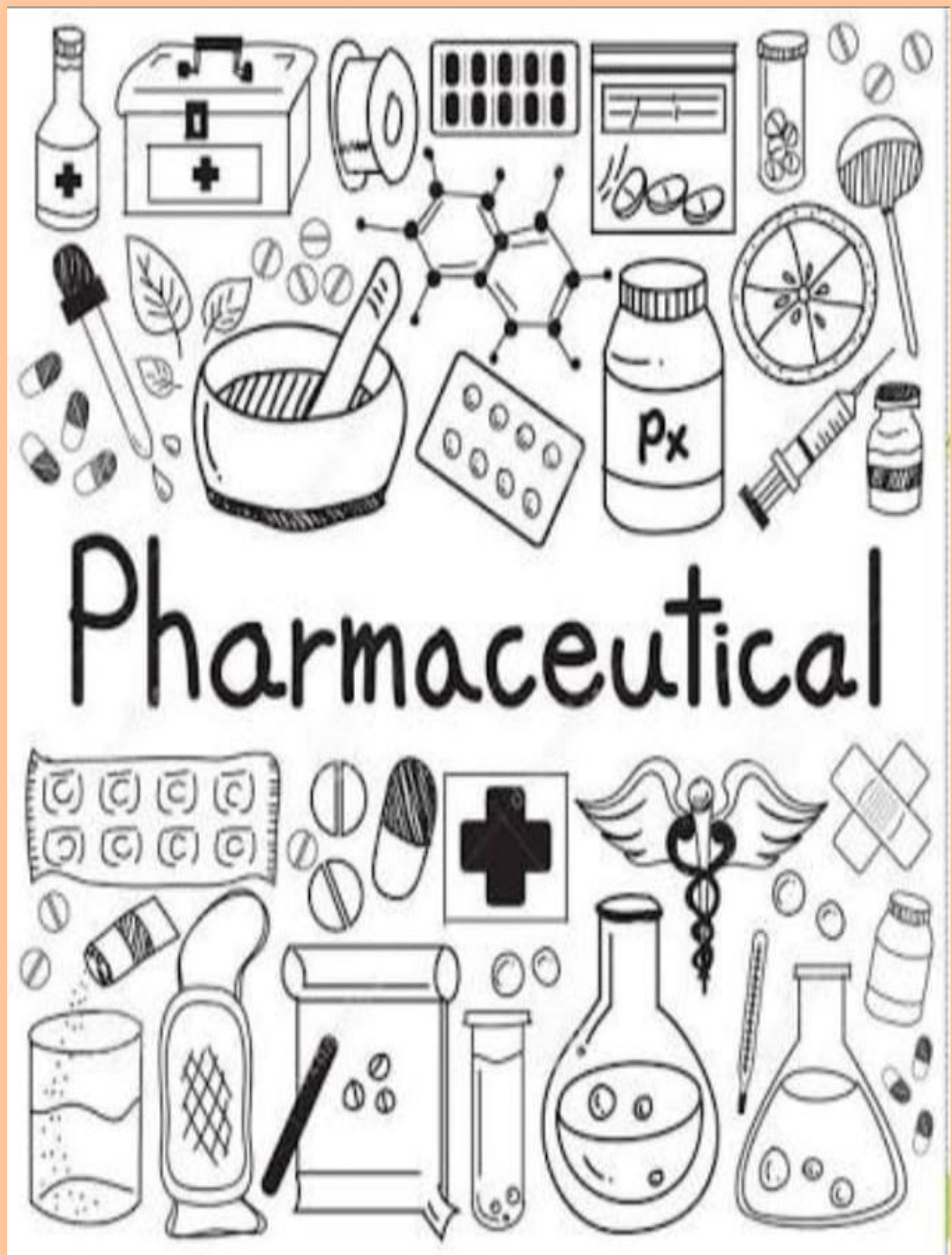
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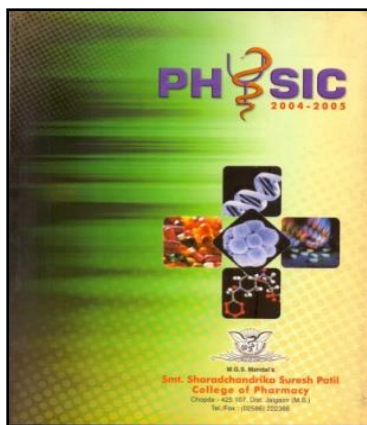
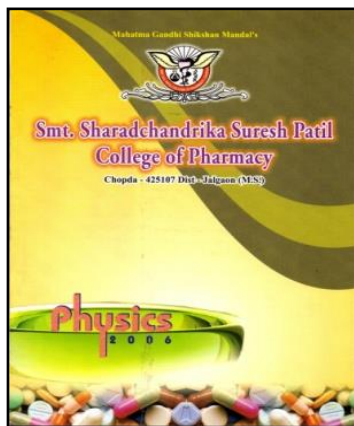**Alpesh Patil Third Year B. Pharm**
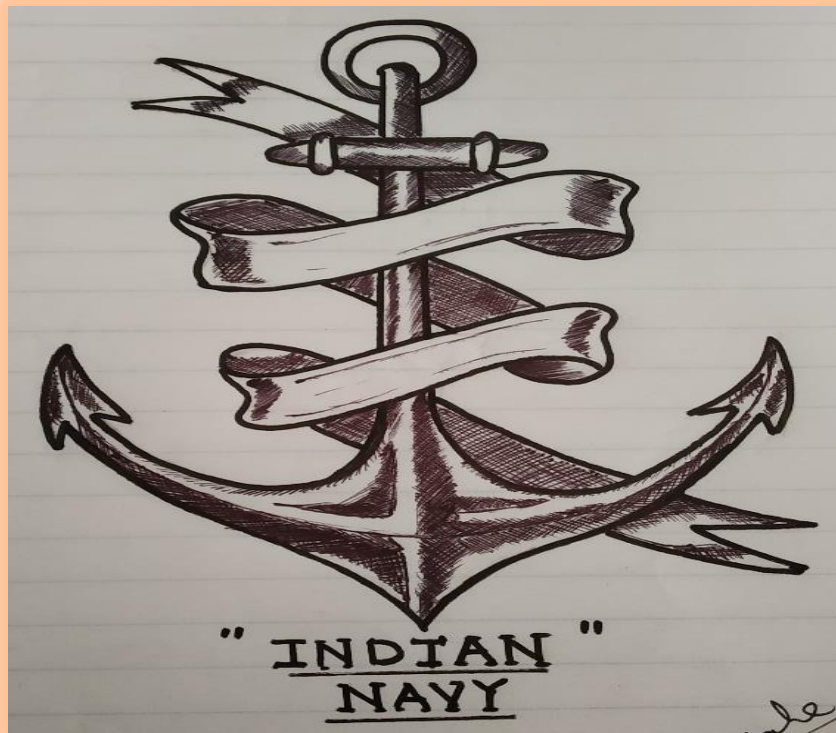
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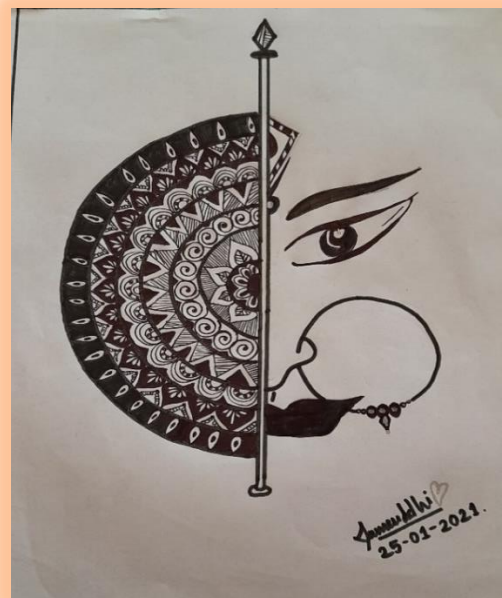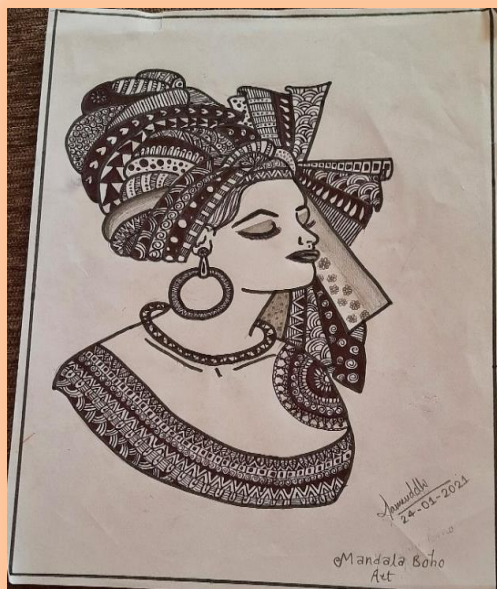
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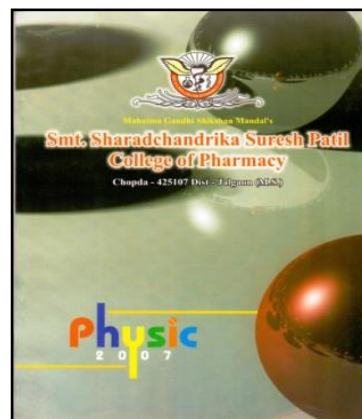
A Journey of Physic & Varshgrantha

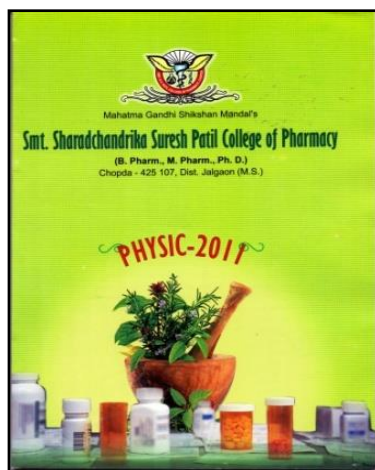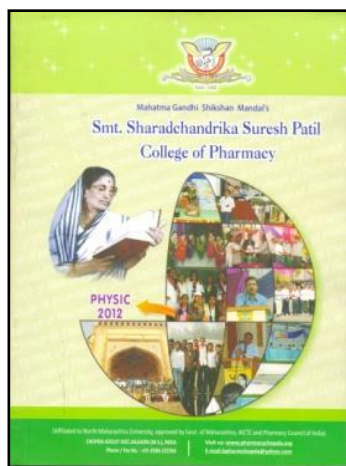**Physic-2005**   **Physic-2006**   **Physic-2007**
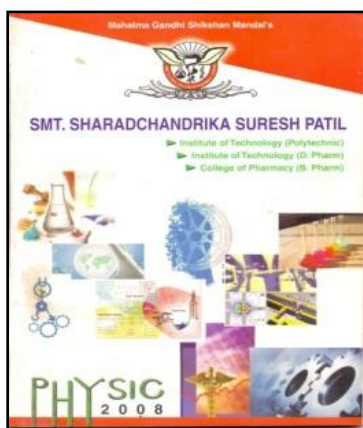
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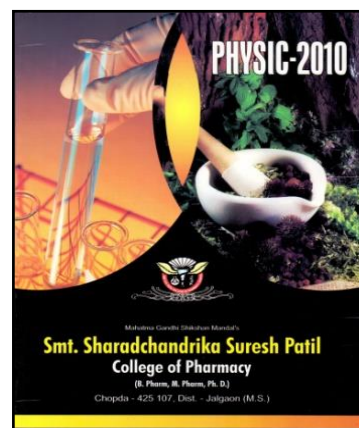
Physic-2011   **Physic-2012**   **Physic-2013**

SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON
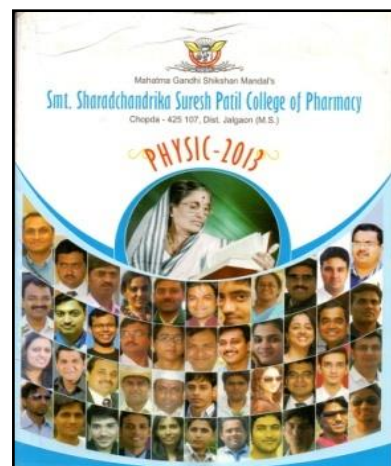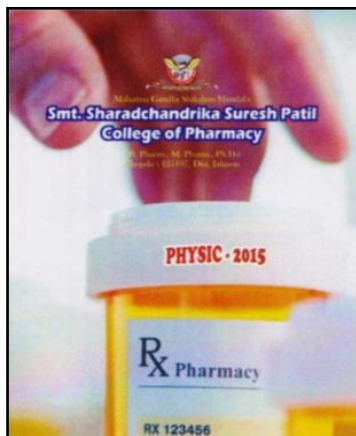
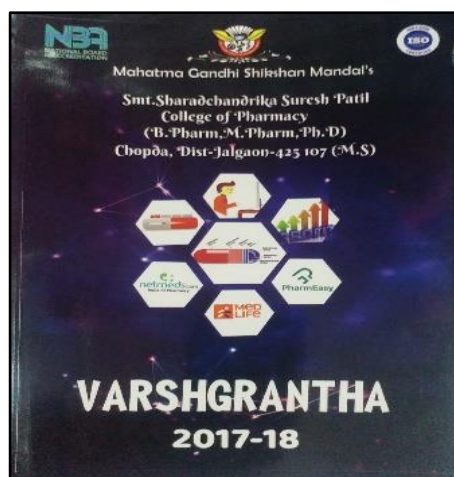**Physic-2014**

Physic-2015
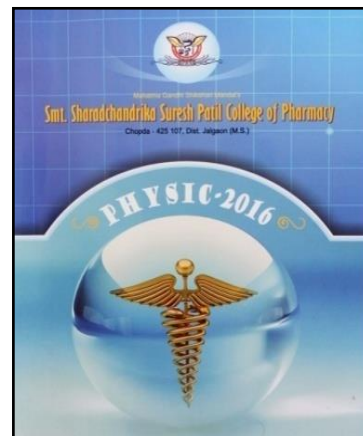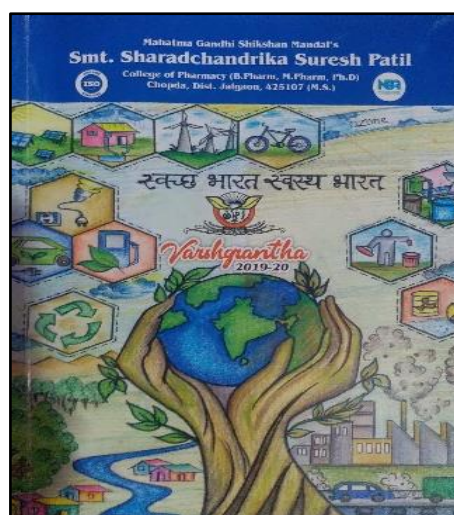

Physic-2016

Varshgrantha- 2017

Varshgrantha- 2018

Varshgrantha--2019

Varshgrantha-2020

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