



SDPC E-BULLETIN VOL.:7 (1), Jan-Mar 2020

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Student Coordinators

B Pharm :	Sem V	Mr. Akbari meet
	Sem VIII	Mr. Ravindra Ghaskatta
M. Pharm:	Sem II	Ms. Mehfuzia
PHARM. D:	III YEAR	Ms. Sana Memon



Shree Dhanvantary pharmacy college, Kim

E-Bulletin Vol - 7(1) Jan – March 2020



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PhD (The University of Texas, Austin, USA)
Polymer Science and Engineering Discipline
Editor, Chemical Engineering Journal (Elsevier, New York) and Emeritus Professor, College of Pharmacy, Dharwad, India.
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Prof. Kap Seung Yang
PhD (North Carolina State University, Raleigh, North Carolina, USA)
Professor, Department of Polymer & Fiber System Engineering and
Director of Alan G. MacDiarmid Energy Research Institute at Chonnam National University.
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Adjunct Professor in Radiology, department of UT Southwestern Medical Center, Dallas.
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Professor, Department of Chemistry,
University of Ulsan, Ulsan, South Korea.
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PhD (Harvard University, USA)
Research Fellow & Deputy Director, Institute of Atomic & Molecular Sciences,
Academia Sinica, National Taiwan University, Taipei, Taiwan.
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IMPORTANCE OF EXTRACURRICULAR ACTIVITIES IN STUDENTS PERFORMANCES

At the beginning of the twenty-first century, many colleges and universities have a broad educational mission: **to develop the "whole student."** On college campuses, extracurricular involvement is a key tool in this personal development. For the majority of college and university students, involvement in extracurricular activities plays an integral role in the collegiate experience. **Students become involved in extracurricular activities not only for entertainment, social, and enjoyment purposes, but most important, to gain and improve skills.** A wide and diversified range of extracurricular activities exists on U.S. campuses, meeting a variety of student interests.

According to a 1993 article by Alexander Astin, almost any type of student involvement in college positively affects student learning and development. Extracurricular activities provide a setting to become involved and to interact with other students, thus leading to increased learning and enhanced development. Specifically, a student's peer group is the most important source of influence on a student's academic and personal development.

Taking part in these out-of-the-classroom activities helps students to understand the importance of critical thinking skills, time management, and academic and intellectual competence. **Involvement in activities helps students mature socially by providing a setting for student interaction, relationship formation, and discussion.** Working outside of the classroom with diverse groups of individuals allows for students to gain more self-confidence, autonomy, and appreciation for others' differences and similarities.

Through extracurricular participation, students frequently interact with peers who have similar interests, providing social integration into the college environment. As a result, involved students view their college years as a positive experience and feel they are a vital part of the university, resulting in higher retention rates.



SPORTS WEEK 2020

(10 FEB TO 15 FEB 2020)





Shree Dhanvanyary pharmacy college, Kim

E-Bulletin Vol -6(3) July – September 2019





LIST OF WINNERS:-

NAME OF GAME	1st	2nd
<i>CRICKET</i> <i>(Boys)</i>	8th sem (B Pharm)	6th sem (BPharm)
<i>CRICKET</i> <i>(Girls)</i>	8th sem (B Pharm)	PHARM D 4th year





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NAME OF GAME	1 st	2 nd
FOOTBALL	1st sem (B Pharm)	8th sem (B Pharm)



**Shree Dhanvantary pharmacy college, Kim
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NAME OF GAME	1 st	2 nd
<i>Badminton</i> <i>(boys)</i>	Trupal rathod	Vatsal thakkar
<i>Badminton</i> <i>(girls)</i>	Richa patel	Khushboo patel



NAME OF GAME	1 st	2 nd
<i>Kho kho</i>	Pharm d 4 th year	1 st sem b. pharm

NAME OF GAME	Winning team
<i>Kabbaddi</i>	3 rd year B.pharm



Shree Dhanvantary pharmacy college, Kim

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NAME OF GAME	1 st	2 nd
<i>Race (boys)</i>	Sagar trivedi Jay patel	Ruturaj chudasma
<i>Race(girls)</i>	Vishruti patel Manali patel	Charmi patel





Shree Dhanvantary pharmacy college, Kim

E-Bulletin Vol -7(1) Jan – March 2020

NAME OF GAME	1 st	2 nd
<i>Carrom (boys)</i>	Mihir panchal Jayan patel	Ankit patel Dipen joshi
<i>Carrom (girls)</i>	Fatima tadwala Yesha joshi	Manali patel Upasna kosada





Shree Dhanvantary pharmacy college, Kim E-Bulletin Vol - 7(1) Jan – March 2020

NAME OF GAME	1 st
<i>Chess (boys)</i>	Sanjay
<i>Chess (girls)</i>	Prachi





PHARMA SPECTRA 2020





Shree Dhanvantary pharmacy college, Kim

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STUDENTS ACHIEVEMENTS

Students of SDPC was participated in PHARMA SPECTRA EVENTS held at SDPC,KIM SURAT and secure rank in various events.

SHREE DHANVANTARY PHARMACY COLLEGE, KIM-SURAT

Sr.no	Event Name	Rank	
		1st	2nd
1	PHARMA RAP	Rajput Pradhyuman	Kairvi raval
2	CASE PRESENTATION	Devang gharvan (KBIPER)	Rajput Pradhyuman
3	PUBG	MIHIR PANCHAL JAYAN KUMAR PATEL HIMANSHU MAYANK PATEL	-
4	WORD PRESS	DHVANI PATEL HIREN DIVANI	SALOMI MLOKHANDE SANA MEMON
5	PHARMA XEMPTORE	JESTY PATEL(PIPR) RIYA PARIKH	SHIVANK AGGARWAL
6	KBPP(QUIZ)	YESHA JOSHI SANA MEMON RUCHI YADAV DHWANI PATEL	INSIYA SHIVANK AGGARWAL MILI SHALOK
7.	PHARMA MODEL	MADHAV PALAN(MARWARI COLLEGE) ARPIT	KAIRVI

8.	CAPTURE IT	MIHIR SHARMA(DSLR) PAKSHAL SHAH(MOBILE)	MAYANK PATEL(DSLR)
9	PHARMA MARKETING	KHUSHI JOSHI AMEENA SUFI ANMOL RINKAL NEHA RASHMI	AAJYUSHI HONEY PATEL DEEPAK DIYA
10	PHARMA DRAMA	PRIYANSHU HET PANCHOLI KARAN PATEL SAKSHI DEEPAK DEEP AMISHA DEVANSHI BHAVESH DOORVANSHI KAVIN VISHAL RUDRA DHRUVITA UTPAL AKSHITA	VATSAL FAHAAM JANKI JIGNESH SHAMUN SHARADHA
11.	ONE MINUTE GAME	FAHAAM SHEIKH	PRIYANSHU GUPTA





Shree Dhanvantary pharmacy college, Kim E-Bulletin Vol - 7(1) Jan – March 2020









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SDPC

E-BULLETIN

APRIL-JUNE 2020



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MS. GOSIYA KURESI	

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MR. JAYAN PATEL	B.PHARMSEM -VIII
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MS. BHAVYA MODI	B.PHARMSEM -IV
MS. FARIDABANU	B.PHARMSEM -II

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PhD (Harvard University, USA)
Research Fellow & Deputy Director, Institute of Atomic & Molecular Sciences,
Academia Sinica, National Taiwan University, Taipei, Taiwan.



YOGA DAY CELEBRATION

21st June 2020

INTERNATIONAL YOGA DAY

Organized by NSS Committee



Shree Dhanvantary Pharmacy
College, Kim - Surat

Event: Yoga day celebration

Date: 21/06/2020

Day: Sunday

Time: 9:00 AM to 10:00 AM

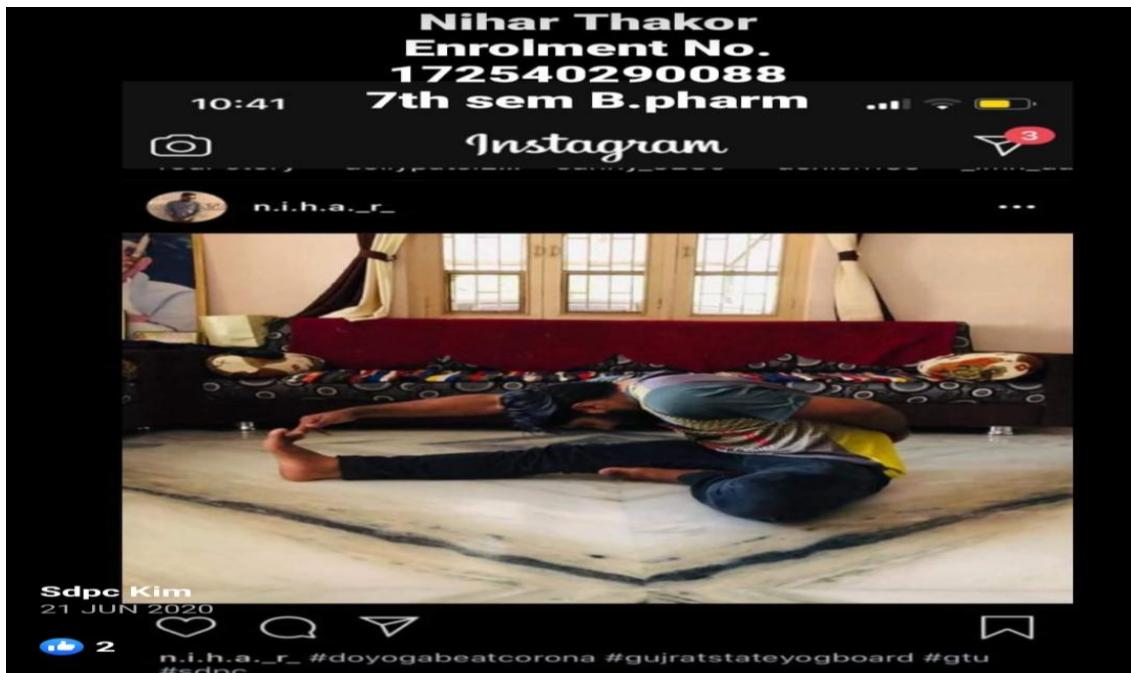
Participated students: B.Pharm Students & Pharm. D students

Venue: Online platform

Brief \Description of the Event:

In view of the covid-19 outbreak it has been decided to celebrate yoga from home by our honourable Prime Minister. So, as part of that all students & faculties wrote the reason why they like yoga on a paper card & took photo of them with their favourite pose & share on social media with the hash tags like #Beat Corona, # Corona with Family.





**B.pharm
Janvi shah
5th sem Sec B
182540290083**

**I LIKE TO DO YOGA
BECAUSE**

**Yoga is a dance between
control and surrender**

**Inhale the future
Exhale the past**

**Yoga adds years to your life
And life to your years**

**Yoga is like life.
It is a balance of holding on it
And letting it go....**

YOGA 

#GUJARATSTATEYOGABOARD#GTU#S



Feni shah
Enrolment no.
182540290082
5th sem B.Pharm

I LIKE TO DO YOGA,

Because....

Stress Relief,

flexibility,

Health,

Physical fitness,

Self compassion,

Self reflection,

Continued growth,

Self awareness.

↓

Very good for health.



CONFERENCE /FDP ATTENDED BY FACULTY

Dr. PALLAVI K J

Dr. DYPCP Organize Webinar On, DCS Centre of Skill & Entrepreneurship Development for Clinical Research & Pharmacovigilance. 9th May, 2020.	Webinar
ABIPER Organize One Week FDP On, Emerging Trends In Pharmaceutical Practices. 14th To 18th June, 2020.	FDP attended

Dr. ANAND DESHMUKH

WHO Online Course, Infection Prevention & Control for Novel Coronavirus. 26th April, 2020	Online Course
WHO Online Course, Emerging Respiratory Viruses, Including COVID-19: Methods for Detection, Prevention, Response & Control. 26th April, 2020	Online Course
SDPC Organize, Webinar on, COVID-19 Awareness Campaign, Under EBSB Activity. 28th April. 2020	Webinar
VmeduLife Organize Webinar on, Outcome Based Education Software. 14th May, 2020	Webinar
GT Organize, Webinar on, Pharma Education in India- Where is the Gap? 21st May, 2020	Webinar

DR.VPEC, Organize Online Survey on, Lockdown: A Golden Opportunity to Boost e-Learning & Intensifying Online Education in India. 22nd May, 2020.	Online Survey
--	---------------

Gokhale Education Society's Organize, 6 Days e-FDP on, Teachers & Ethics: Balance in Research, Teaching, Socio-Professional Values &Attitude, 20th To 25th May, 2020.	FDP Attended
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PVPCE Organize, National Level Quiz on NBA. 31st May, 2020.	National Level Quiz
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Dr. Manish Goyani	
SIH & FW Organize Webinar on, Field Surveillance & Supervision. 6th May 2020.	Webinar
GTU Sponsored, 13th Foundation Day, Intellectual Property For New Delhi. 16th May 2020.	Foundation Day

Organize e-FDP on Learning, Pedagogy & Effective Use of Case Methodology. 17th May To 21st May, 2020.	FDP Attended
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Charotar University Organize, 3 Days Webinar Series on, Integrity & Ethical Considerations in the Conduct of Research. 21st To 23rd May, 2020.	Webinar
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Uka Tarsadia University, organize Webinar on, COVID 19 Outbreak & Possible Formulation Options for Approved or New Drugs. 23rd May, 2020.	Webinar
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Dr. UTTAM MORE

Sponsored By Jamia Pharmacy College, National Level Conference on, Current Market Opportunities for Pharmacy Students & Faculties From Home By Staying Safe. 12th April 2020.	National Conference
Online International Conference on, COVID-19 Pandemic Awareness & Boosting Immunity By Nutraceuticals. 23rd April, 2020.	International Conference
People's University Organize, One Day Virtual National Seminar on, Comprehensive Quality Initiatives & Challenges for Higher Education in Digital Era. 30th May, 2020.	National Seminar
UTU Organize One Week National Level FDP on, Comprehensive Quality Initiatives for Higher Education in Pandemic Era. 26th – 30th May 2020.	FDP Attended
IQAC, Webinar on Make India, Held on 14th May 2020.	Webinar
Anuradha Group of Pharmacy Institutions, Organize, One Day Webinar on, Opportunities & Challenges in Rebuilding the Education Sector in post Covid-19 Era-Education 4.0- Need of Hours.	Webinar
SGMCP Organize, 4 Days e-FDP on Pharma Industry Insights: Recent Trends, Innovations & Digitalization. 27th to 30th June, 2020.	FDP Attended
Mr. Rohan Barse	
GTU & APC Organize One Week e-FDP On, Redefining the role of Educator in COVID-19 Outbreak Era. 11th – 16th May, 2020.	FDP Attended
APTI Organize, Flip Classroom-Millennial Choice, A Course of Study. May, 2020.	Course of Study
PVPPCE Organize National Level Quiz On NAAC. 27th May, 2020.	National Level Quiz
Mrs. Dhara Vashi	
SPCP Organize Webinar On, Intellectual Properties Rights for the Development of Academic Pharmaceutical Research. 9th May, 2020.	Webinar
BCP Organize One Week International FDP on, Pharmaceutical Education & Research. 13th – 18th May, 2020.	International FDP Attended
Dr.D.Y.Patil College of Pharmacy Organize Webinar On, Effect of COVID on Indian Pharmaceutical Industry. 14th May, 2020.	Webinar
VmeduLife Organize Webinar On, Outcome Based Education Software, 14th May, 2020.	Webinar
GTU Organize 13th Foundation Da, Webinar On Intellectual Property for New India. 16th May, 2020.	Webinar
Dr.D.Y.Patil College of Pharmacy Organize Webinar On, Getting Ready for Post Lockdown Life. 17th May, 2020.	Webinar
KMKCP Organize Webinar On, Teaching Practical With Virtual Lab: Lt Platform. 20th May, 2020	Webinar



BCOP Organize 3 Days International Webinar On, Quality by Design. 23rd To 25th May, 2020. International Webinar

JDCOEM Organize One Week Online FDP on, Moodle Learning Management System. 25th To 30th May, 2020. FDP Attended

IPES Organize e-FDP On, Future Challenges, Possibilities & Emerging Trends in Vaccines & Drug Development For Viral Disease. 25th – 30th May, 2020. FDP Attended

MSGCOPER Organize 6 Days e-FDP On, Teachers & Ethics: Balance in Research, Teaching, Socio-Professional Values & Attitude. 20th To 25th May, 2020. FDP Attended

Mrs. Monika Kakadiya

GTU Organize 13th Foundation Da, Webinar On Intellectual Property for New India. 16th May, 2020. Webinar

Ms. Parin S. Sidat

RPCP Organize, Webinar Series on. Separation Techniques for Pharmaceuticals. 18th To 23rd May, 2020. Webinar Attended

Charutar University Organize Webinar, Participated as a Deligate in Three Days Webinar Series on, Integrity & Ethical Considerations in the Conduct of Research. 21st to 23rd May, 2020. Deligate in Webinar

Sharadchandra Pawar College of Pharmacy Organize, Two Days e-FDP on, Best Practies in Innovation IPR & Patents in Pharma. 26th to 27th May, 2020. Webinar Attended

Ms. Urvashi B.Patel

Legal Challenges In Starting Up A Buisness, 10th May,2020	Conference Attended
What Do We Do On Product Based Cpmpanies, 13th May,2020	Conference Attended
Outcome Based Education Software, 14th May,2020	Conference Attended
How To Face Audit Effectively And Role Of Regulatory Department, 17th May,2020	Conference Attended
Teaching Practical With Virtual Lab: Lt Platform, 20th May,2020	Conference Attended
Gastro-Retentive Drug Delivery System: Fundamental, Approaches And Evaluation, 26th May,2020	Conference Attended

Mr.Harshil M. Patel

Legal Challenges In Starting Up A Buisness, 10th May,2020 Conference



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What Do We Do On Product Based Companies, 13th May,2020		Conference Attended
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Gastro-Retentive Drug Delivery System: Fundamental, Approaches And Evaluation, 26th May,2020		Conference Attended
Ms. Mohini Rathod		
SNLPCP Organize Virtual Conference on, Nanotechnology in the Pharmaceutical Sphere: Contemporary Approaches & Therapeutic Applications. 30th January, 2021.		Conference Attended
SNLPCP Organize, Webinar on, Gastro- Retentive Drug Delivery System, Approaches & Evaluation. 26th May, 2020.		Webinar



PAPER PUBLICATION BY FACULTY

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Original Article



Development and validation of HPLC method for estimation of betulinic acid

Meghraj Suryawanshi

Department of Pharmaceutics, Shree Dhanvantary Pharmacy College, Kim, Surat-394110

Received: 13-05-2020 / Revised Accepted: 04-06-2020 / Published: 01-07-2020

ABSTRACT

A simple, specific, and economic HPLC method has been developed to estimate betulinic acid. The λ_{max} of betulinic acid was found to be 210 nm. Linearity in the concentration range of 25-150 μ g/ml was found to be exhibiting a good correlation coefficient ($R^2 = 0.999$). The developed method was validated statistically to demonstrate linearity, accuracy, precision, LOD as well as LOQ. The validation parameters were selected as per the ICH [Q2 (R1)] guideline. The results of the study proved the applicability of the present method in routine analysis of betulinic acid.

Keywords: Betulinic acid, HPLC, Triterpene acid, ICH, LOD.



**PROSPECTIVE, OBSERVATIONAL, RANDOMIZATION STUDY OF
OPERATIONAL AND PERFORMANCE ANALYSIS OF OUTPATIENT
HOSPITAL PHARMACY**

Hardi Patel^{*1}, Shrikalp Deshpande¹ and Roshni Patel¹

K.B Institute of Pharmaceutical Education and Research, Gandhinagar.

Article Received on
30 April 2020,

Revised on 20 May 2020,
Accepted on 10 June 2020

DOI: 10.20959/wjpps20207-16588

***Corresponding Author**

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Pharmaceutical Education
and Research, Gandhinagar.

ABSTRACT

Aim: To study Operational and Performance Analysis of Outpatient Hospital Pharmacy. **Objective:** To demonstrate the use of an efficient quality improvement approach to identify pharmacy operational problems. And identify the factors associated with waiting time for services offered at outpatient pharmacy. Measure the overall patient waiting time at outpatient pharmacy. **Background:** Generally, in outpatient hospital pharmacy patient wait for queue for billing of prescription, time to dispensing of medicine and counselling time. Using queuing theory in pharmacy mainly find factor leading to

excessive waiting time, correlation between waiting time and patient satisfaction determine by using queuing approach. This study is important in identifying factors that affect outpatient pharmacy waiting time and ways to improve patient's satisfaction and fundamental understanding. **Materials and Methods:** Prospective observational randomized study was conducted for a period of 6 months in Hospital outpatient pharmacy. Data were collected using the techniques of work flow analysis and stopwatch was used to measure time spent in each component. A validated questionnaire was administered on the outpatients who measured their level of satisfaction with pharmaceutical services. **Results:** Major components include patient queue length for billing of prescription. (2.4min) Mean waiting time for dispensing of medicine when staff 13, and 9 were 5.6 and 7.5min. The average waiting time is 14min patient are satisfied with services. 50% of the patients were not satisfied with waiting time to collect their medicines. **Conclusion:** Need to reduce the time of dispensing procedure and patient call for counseling so that more time could be devoted. When training



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**Prof. Walter E. Rudzinski**

PhD (The University of Arizona, Tucson, USA)
Professor, Texas State University, USA.

**Dr. Sudipta Chakraborty**

PhD (Mumbai University, Mumbai, India)
Scientific Officer-F (Group Leader, Radiochemical Group)
Bhabha Atomic Research Centre, Mumbai, India.

**Prof. Kap Seung Yang**

PhD (North Carolina State University, Raleigh, North Carolina, USA)
Professor, Department of Polymer & Fiber System Engineering and
Director of Alan G. MacDiarmid Energy Research Institute at Chonnam National University.

**Dr. Padmakar V. Kulkarni**

PhD (Rensselaer Polytechnic Institute, Troy, New York, USA)
Adjunct Professor in Radiology, department of UT Southwestern Medical Center, Dallas.

**Prof. Han Mo Jeong**

PhD (Seoul National University, Gwanak, South Korea)
Professor, Department of Chemistry,
University of Ulsan, Ulsan, South Korea.

**Dr. M. Surianarayanan**

PhD (Kanagawa Industrial Technology Research Institute, Kanaga Wa-Ken, Japan)
Cell for Industrial Safety and Risk Analysis,
Chemical Engineering Department, CLRI (CSIR), Chennai, India

**Prof. Hyung IL Lee**

PhD (Carnegie Mellon University, Pittsburgh, USA)
Professor, Department of Chemistry, University of Ulsan, Ulsan, South Korea.

**Prof. Kuei-Hsien Chen**

PhD (Harvard University, USA)
Research Fellow & Deputy Director, Institute of Atomic & Molecular Sciences, Academia Sinica, National Taiwan University, Taipei, Taiwan.



Webinar

Live Webinar on
Vaccine production process
and associated challenges

Suresh K.Chouhan
Sr. Manager
Serum Institute of India Pvt. Ltd
Pune (India)

Register now using given link
<https://forms.gle/5YmyXg94nVVTccLK7>

For more info
Contact: 7206063643
E-mail: info@sdpc.co.in

Organized by : Shree Dhanvantary Pharmacy College, Kim-Surat (Gujarat)

Event: Webinar On" Vaccine Production And Associated Challenges"

Date:11/07/2020

Day: Saturday

Time: 4.30 PM

Participated students: B.Pharm V and VII sem

Venue: Online platform



Parents Teacher Meeting



Shree Sahkar Education Trust's
Shree Dhanvantary Pharmacy College

B. Pharm Accredited by NBA-AICTE, New Delhi and approved by AICTE, PCI & Affiliated to GTU
Dhanvantary Campus, Near KIM Railway Station, Kim (East), Dist : Surat- 394 110, Gujarat, INDIA.
Phone : +91 99041 04830, +91 99242 04829, Email : info@sdpc.co.in, Website : sdpc.co.in

Invitation Letter for Parent's meet

Dear, parents/Guardian:

Subject: Parent's meeting

We have Organized Parent's meet on 04/07/2020 at 10:00 A.M. Online on Google application for the 7th semester students of B.pharm. The purpose of the meeting is to discuss and guide their career path in field of pharmacy. We cordially invite you to attend the Parent-teacher meeting.

Please check one

1) I will be able to attend the meeting
2) I will not be able to attend the meeting

Yours Faithfully,

Principal

Shree Dhanvantary Pharmacy College

Principal
Shree Dhanvantary Pharmacy College
Kim, Dist: SURAT



Semester and department : B. Pharmacy 7th Semester

Date : 4/07/2020

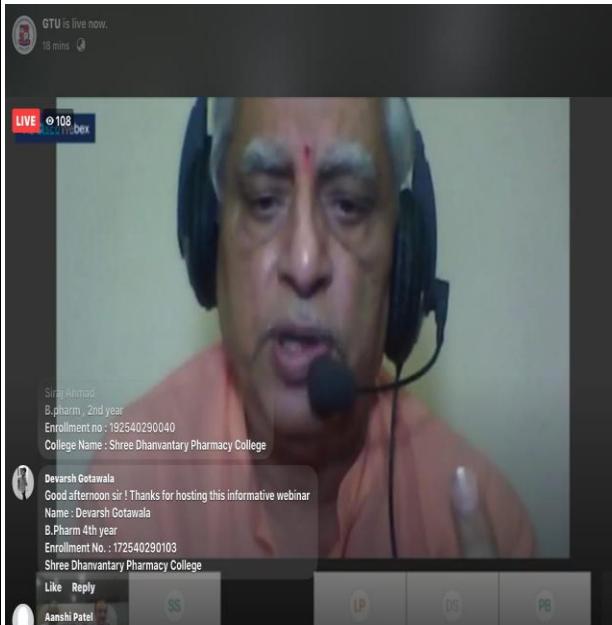
Time: 10.00 am

Place/ platform : Google Meeting App



Online Webinar On "Sustainability & Environment" By NSS-GTU

<p>ગુજરાત તકનીકી વિશ્વવિદ્યાલય, અમદાવાદ ઔર આરોગ્ય ભારતી, ગુજરાત</p>	<p>વેબીનાર - "સ્થિરતા ઔર પર્યાવરણ"</p> <p>સોમવાર, ૨૧ અગસ્ટ, અપરાહન ૧૨:૦૦ બજે સે ૦૧:૩૦ બજે તક</p>	   	
	<p>મુખ્ય કાર્ય: ડૉ. સ્નેહ ગોત્રા, નાગપુર દર્શાવી કાર્યક્રમ આધુનિક અભ્યાસ</p>		<p>કાર્ય: ડૉ. પ્રવીણભાઈ ભાવસાર, (કર્માચારી) અમદાવાદ દર્શાવી આધુનિક અભ્યાસ</p>
	<p>માધ્યમ: ડૉ. ડૉ. નરેન શેઠ માનવબિદ્યા કુલપદ્ધિ, દીર્ઘાંત્ર - અભ્યાસ</p>		<p>કાર્ય: ડૉ. પ્રવીણભાઈ ભાવસાર, (કર્માચારી) અમદાવાદ દર્શાવી આધુનિક અભ્યાસ</p>
	<p>માધ્યમ: ડૉ. ભરતભાઈ પટેલ, ગાંધીનગર દર્શાવી સાંસ્કૃતિક ધર્મ, કુરુક્ષાત્ર પ્રાતિ સાંસ્કૃતિક</p>		<p>કાર્ય: શ્રી ભરતભાઈ પટેલ, સાજકોટ દર્શાવી આધુનિક કાર્યક્રમ, સુરતના દર્શાવી જો કાર્યક્રમ</p>
	<p>માધ્યમ: ડૉ. કે. એચ. ચેર કુલપદ્ધિ, દીર્ઘાંત્ર - અભ્યાસ</p>		<p>કાર્ય: શ્રી એ. એ. ગોહિલ દીર્ઘાંત્ર - અભ્યાસ</p>
<p>ડૉ. એ. એ. ગોહિલ દીર્ઘાંત્ર - અભ્યાસ</p>	<p>માધ્યમ: ડૉ. નિશ્ચિંદ્રા પાટ્રાયા દર્શાવી આધુનિક કાર્યક્રમ, દીર્ઘાંત્ર - અભ્યાસ</p>		<p>પ્રો. ડૉ. અલ્લેખ દાપડા એસ.એસ.એસ. - સાંસ્કૃતિક, દીર્ઘાંત્ર - અભ્યાસ</p>





190 >

Parkhiya Divyen
Parkhiya Divyen
B. Pharm=3rd sem
En no= 192540290063
Institute= shree Dhanvantary Pharmacy clg
Posting...

Deepak Prajapati
Name. Deepak Kumar
Enrollment no. 192540290018
Collage name. Shree Dhanvantary pharmacy collage kim Surat
Class. B. pharma 2nd year
See Translation
43m Like Reply

Abubakar Desai
Name:-Abubakar Faruk Desai.
Enrollment no:-192540290020
college:-Shree Dhanvantary Pharmacy College,kim
47m Like Reply

Ayush Panchal
NAME: AYUSH PANCHAL
B. PHAM, 2ND YEAR
ENROLLMENT NO: 192540290059

Write a comment... (GIF) Smiley

Name of event : Online webinar on "Sustainability & Environment" by NSS-GTU

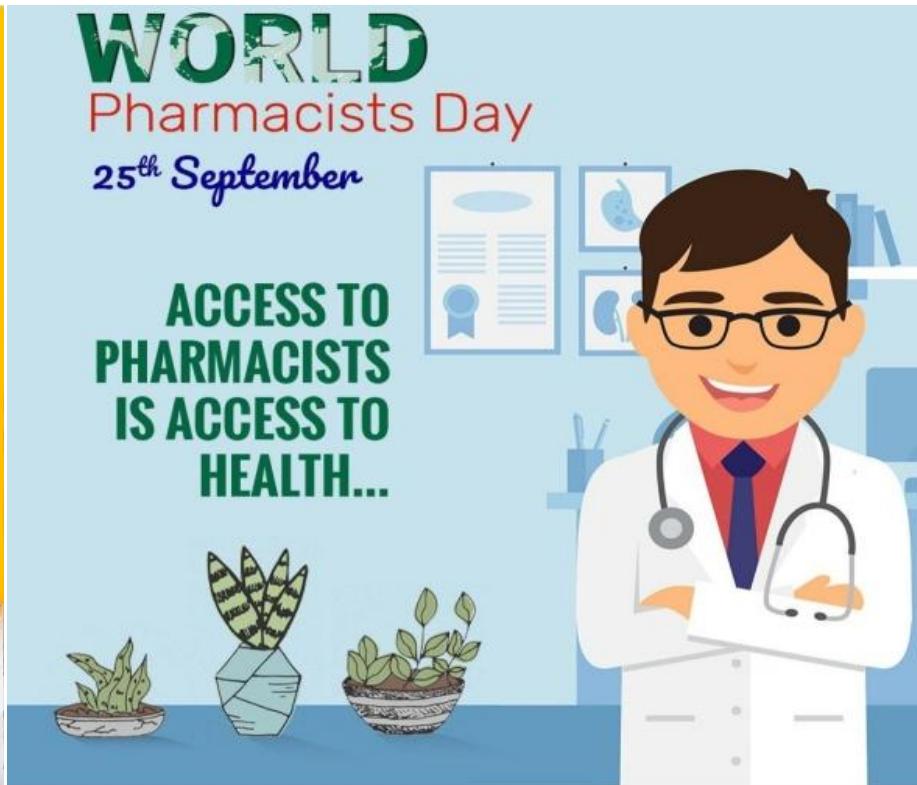
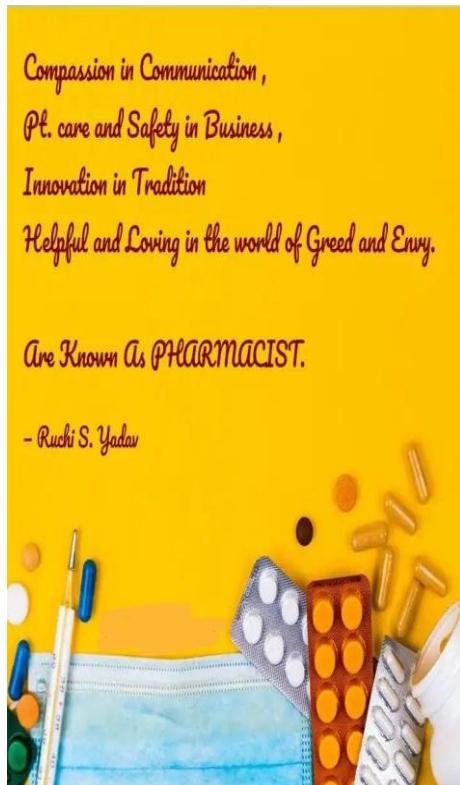
Name of participants or semester/department : B.Pharm, M.Pharm and Pharm.D Students

Date : 31/08/2020

Time: 12 to 1.30 pm

Place: GTU Live Facebook Page

World's Pharmacist Day Celebration



Name of activity : World's Pharmacist Day

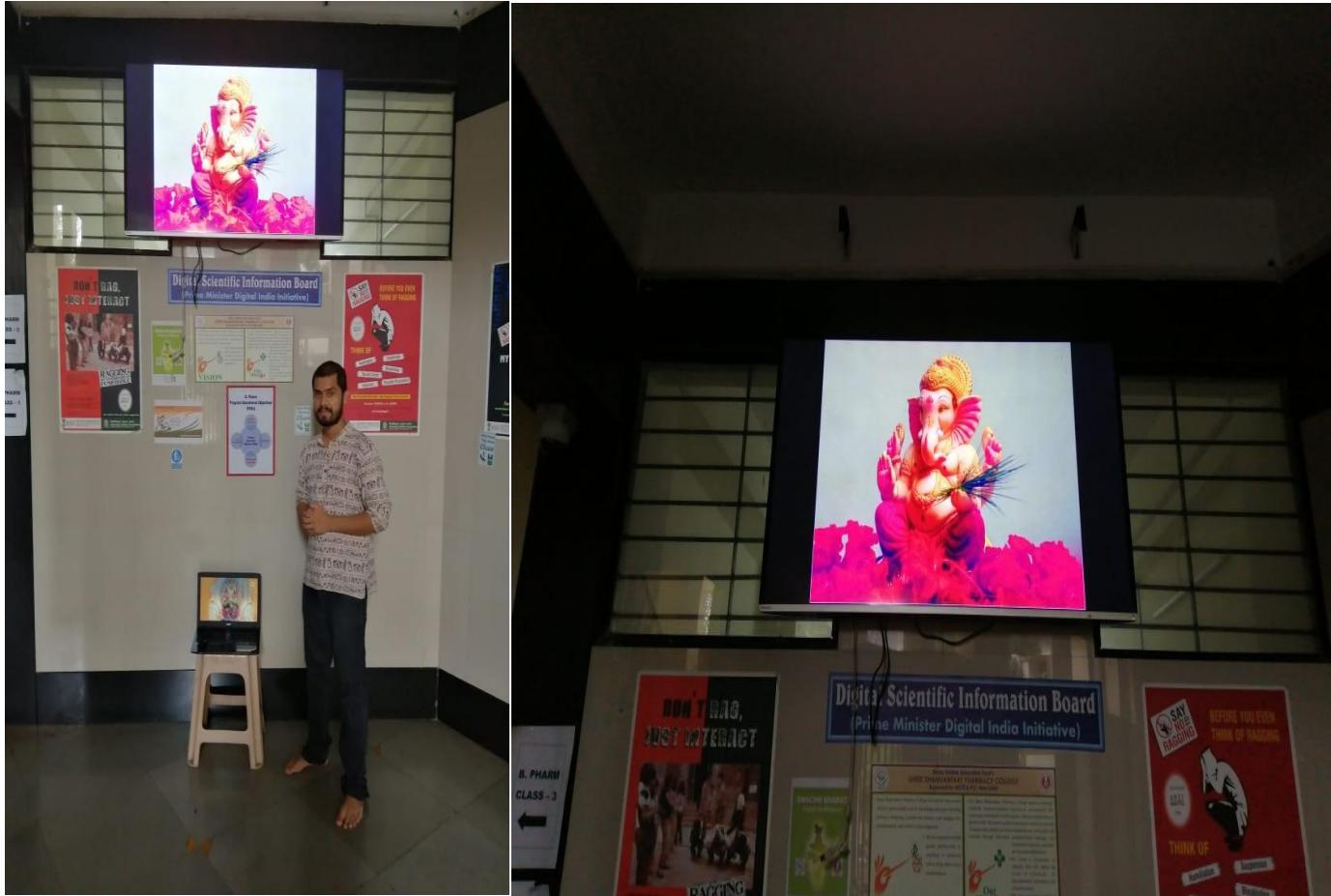
Name Of Participants Or Semester/Department : All

Date : 25th September.2020

Time: 9.00 TO 3.00

Place: Virtual Celebration – Google Meet

Ganesh Chaturthi Celebration



Name of activity : Ganesh Chaturthi

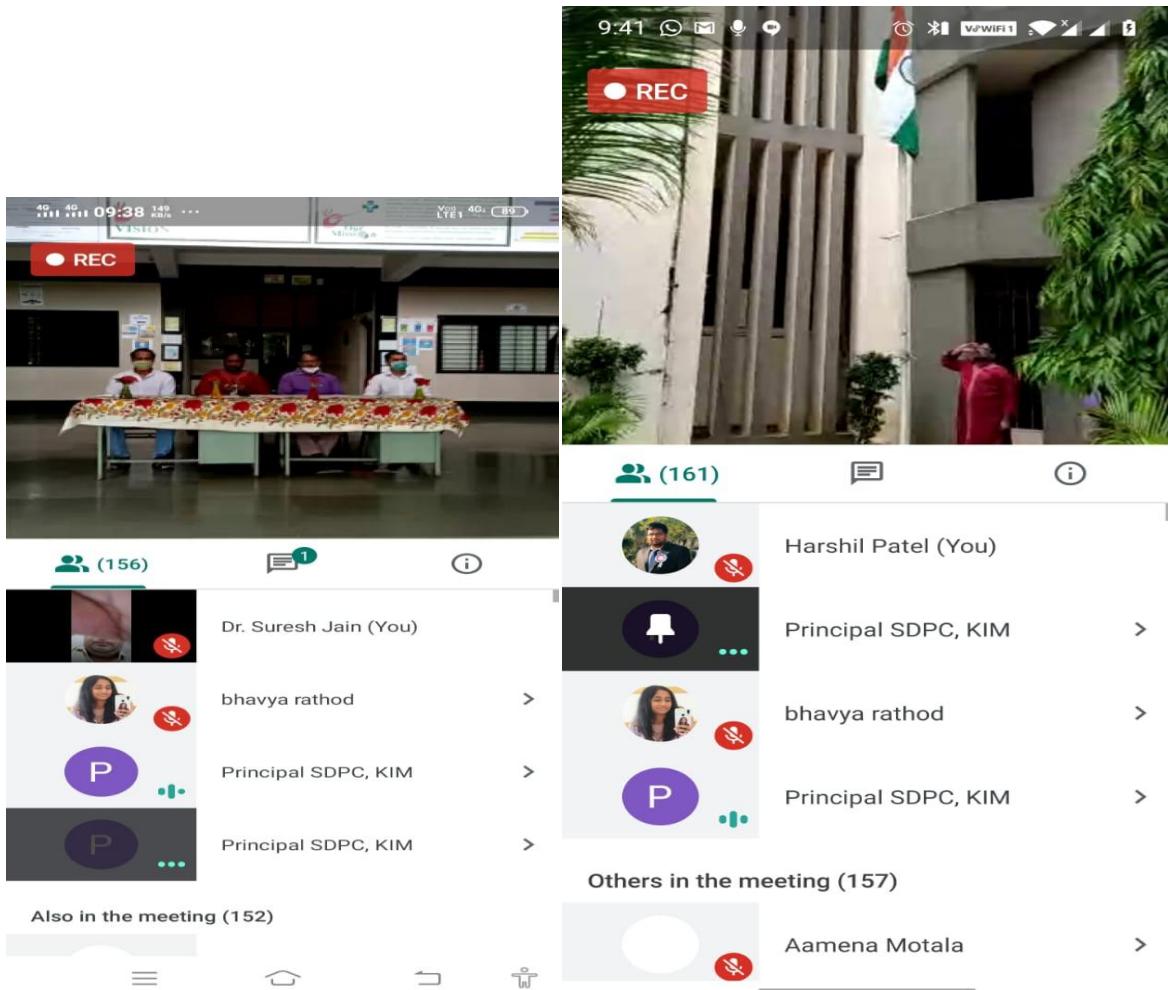
Name Of Participants Or Semester/Department : All Students

Date : 22/08/2020

Time : 9.30 TO 10.00 AM

Place : Virtual Celebration – Google Meet

Independence Day Celebration



Name of activity : Independence Day

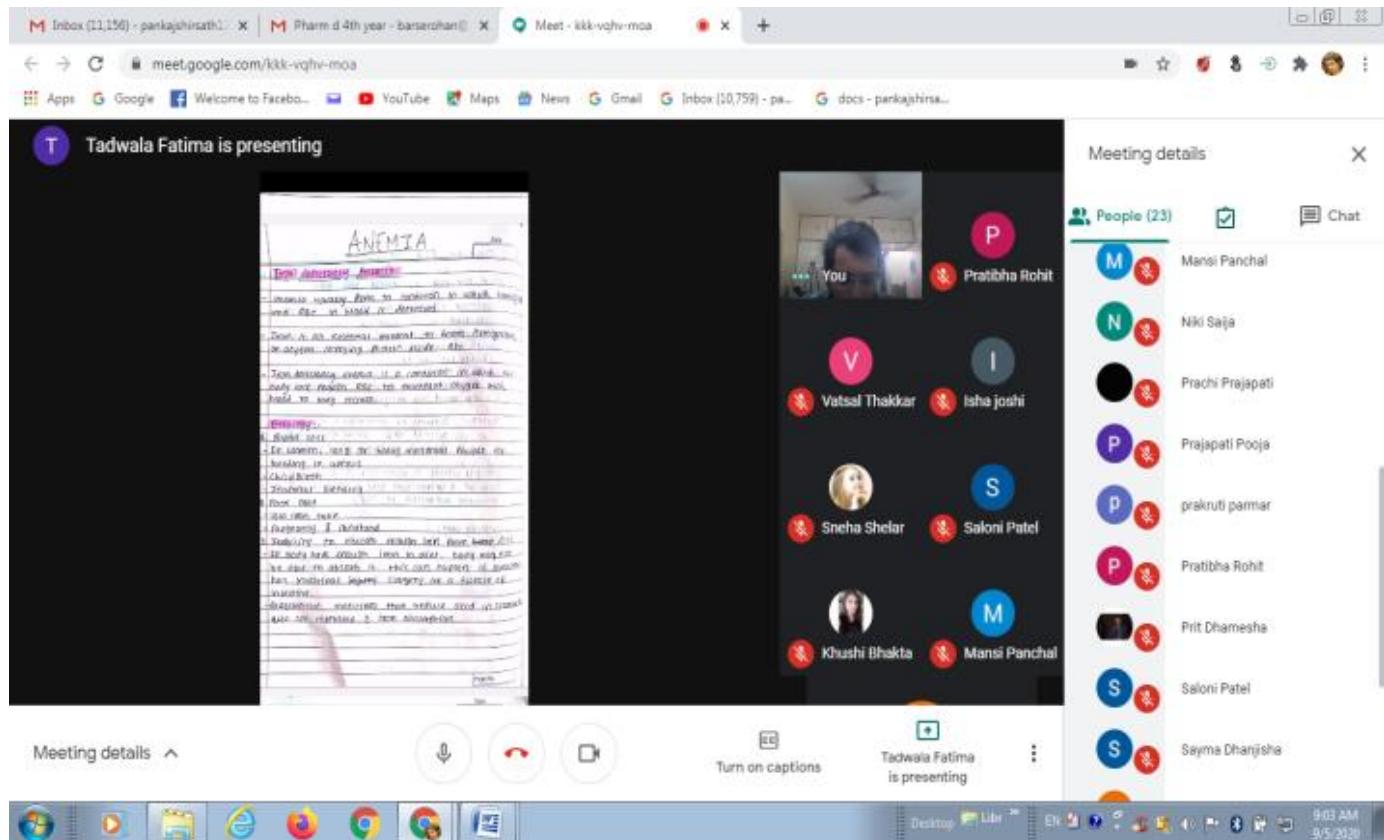
Name of participants or semester/department : All

Date : 15/08/2020

Time: 9.30 am

Place: Virtual Celebration – Google Meet

Virtual Teacher's Day Celebration



Name of activity : Teacher's Day Celebration

Name of participants or semester/department : PHARM.D Students

Date : 05/09/2020

Time : 9.00am to 11.10.am

Place : Virtual – google meet



Webinar On Future Prospects

The banner is divided into two main sections. The left section is orange and features the text 'LIVE WEBINAR' and 'Future Prospects after 10th, 12th & Graduation in New Education System'. It also shows two speaker portraits: Mr. Sanjay Raval and Dr. M. N. Noolvi. The right section is blue and contains logos of various accrediting bodies, the text 'FREE LIVE WEBINAR', and the URL 'http://sdpc.co.in/'. It also features portraits of the speakers, their names, and a summary of the webinar's purpose: 'Future prospects after 10th, 12th and graduation in new education system'. It includes the date (26th September, 2020), time (3.30 PM-5.00PM), and registration links. A large watermark for 'DHANVANTARY CAMPUS' is diagonally across the bottom right.

LIVE WEBINAR

Future Prospects after 10th, 12th & Graduation in New Education System

Speakers

Mr. Sanjay Raval Dr. M. N. Noolvi

REGISTER NOW

FREE LIVE WEBINAR

<http://sdpc.co.in/>

MR. SANJAY RAVAL

DR. M. N. NOOLVI

Future prospects after 10th, 12th and graduation in new education system”

26th
September, 2020
3.30 PM-5.00PM

***WEBINAR ID*: 819 6638 3178
PASSCODE: 260920**

Join Us Now

“ધોરણ 10th 12th અને ગ્રેજ્યુએશન પછીની ભાવિ શક્યતાઓ”

DHANVANTARY CAMPUS

Name of activity : Webinar On Future Prospects

Name of participants or semester/department : all

Date : 26TH SEPTEMBER.2020

Time: 3:30 TO 5:00 PM

Place: VIRTUAL CELEBRATION – GOOGLE MEET



Faculty Achievement

Dr. Malleshappa N. Noolvi

Title	Achievement
KLE College of Pharmacy Organize, Quality Improvement programme on “Drug Development & Discovery: Natural & Synthetic perspective”. 18 th August To 2 nd September, 2020.	Resource Person



KLE College of Pharmacy, Belagavi

A constituent unit of

KLE Academy of Higher Education & Research

(DEEMED-TO-BE-UNIVERSITY), REACREDITED AT THE 'A' LEVEL BY NAAC (SECOND CYCLE), PLACED IN 'A' CATEGORY BY MHRD (GoI)

Certificate

AICTE Sponsored Quality Improvement Programme

Dr Malleshappa Noolvi

Shree Dhanvantary Pharmacy College Kim

In recognition of his/her attendance as **Resource Person** at the two week Quality Improvement programme on **“Drug Development & Discovery: Natural & Synthetic perspective”** in virtual mode from 18th August to 2nd September 2020.

Prof. (Dr.) Shankar Alegaon
Program Coordinator

Prof. (Dr.) Sunil Jalalpure
Chief Coordinator

Prof. (Dr.) Kalpana Patil
Program Coordinator



B. Pharm Program Accredited by
NBA for a period of Six Years
(from July 2019 to June 2025)



[klepharm_edu](https://www.instagram.com/klepharm_edu)



www.facebook.com/klepharm.edu



[www.klepharm.edu](https://www.youtube.com/channel/UCtL9yPjPQHhXWzXWzXWzXW)

**Parin S. Sidat and Rozina I.**

BETHE PART OF INNOVATION



Kudos to Ms. ROZINA and Ms. PARIN for being selected for SSIP (*Student Startup Innovation Program*) Grant through GTU with the venture 'COVID PREVENTIVE ELIXIR'

<http://sdpc.co.in/> info@sdpc.co.in
+919904104830: +9924204829
kim-surat, gujarat

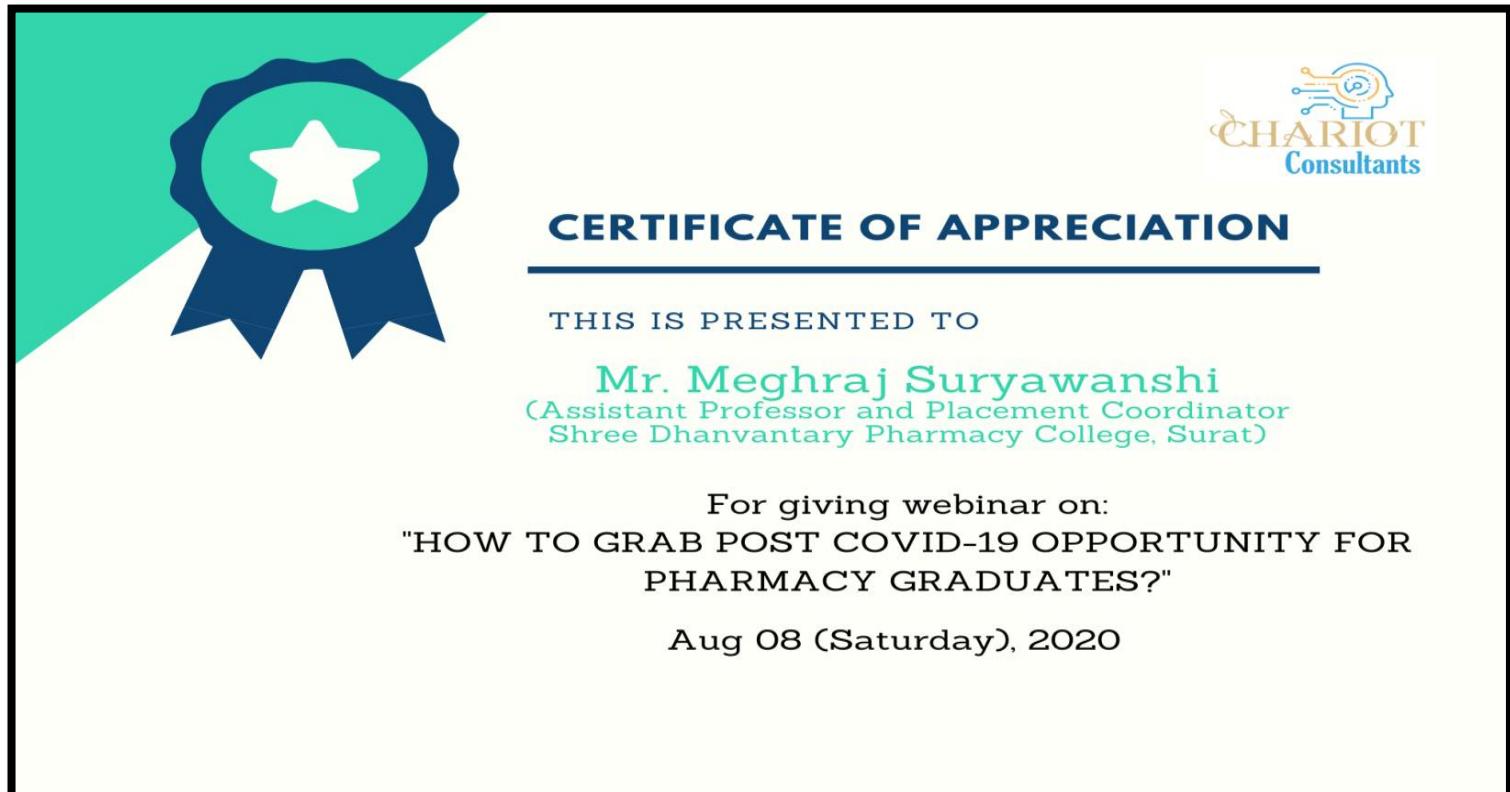


Name of faculty	Parin S. Sidat and Rozina I. Patel
Department	Pharmaceutical Chemistry and R.A.
Designation	Assistant Professor
Title of achievement	Covid Preventive Elixir (Got grant for Product Development from SSIP)
Date	13/07/2020



Mr. Meghraj Vivekanand
Suryawanshi

Name of faculty	Mr. Meghraj Vivekanand Suryawanshi
Department	Department of Pharmaceutics
Designation	Assistant Professor and Training & Placement Co-ordinator
Title of achievement	Given Webinar On How To Grab Post Covid-19 Opportunity for Pharmacy Graduates Best Researcher Award in Pharmacy (Virtual ITSR Foundation Award-2020) Reviewer at IJASRW





Institute of Technical and Scientific Research, Jaipur

Certificate of Recognition

This is to certify that

Meghraj Vivekanand Suryawanshi
Assistant Professor - Pharmacy

Shree Dhanvantary Pharmacy College, Kim, Surat (Gujarat) India

has felicitated for

Best Researcher Award

in Online Award Ceremony

Organized by Institute of Technical and Scientific Research, Jaipur.
on Sept. 13, 2020




Prashant Kumar
(Authorized Signatory)

www.itsr.co.in Email: itsrjpr@gmail.com

Certificate ID: ITSR/20/09/078





Paper Publication By Faculty



	Sidat Parin							
1	<p>Sidat Parin S.*, VarachiaAysha I., VanshiyaShivangini K., Unagar Ajay H., Akbari Meet G., DhamatRupin C.</p> <p>Title: Carica papaya leaves: One of dynamic plant parts having multiple therapeutic activities</p>	Himalayan Journal of Health Sciences	09/2020	2020; 5(3)	37-48	10.22270/hjh.s.v5i3.67	-ISSN: 2582 - 0737	Peer Reviewed

PROSPECTIVE, OBSERVATIONAL, RANDOMIZATION STUDY OF OPERATIONAL AND PERFORMANCE ANALYSIS OF OUTPATIENT HOSPITAL PHARMACY

Hardi Patel^{*1}, Shrikalp Deshpande² and Roshni Patel¹

K.B Institute of Pharmaceutical Education and Research, Gandhinagar.

Article Received on
30 April 2020,
Revised on 20 May 2020,
Accepted on 10 June 2020
DOI: 10.20959/wjpps20207-16588

***Corresponding Author**

Hardi Patel
K.B Institute of
Pharmaceutical Education
and Research, Gandhinagar.

ABSTRACT

Aim: To study Operational and Performance Analysis of Outpatient Hospital Pharmacy. **Objective:** To demonstrate the use of an efficient quality improvement approach to identify pharmacy operational problems. And identify the factors associated with waiting time for services offered at outpatient pharmacy. Measure the overall patient waiting time at outpatient pharmacy. **Background:** Generally, in outpatient hospital pharmacy patient wait for queue for billing of prescription, time to dispensing of medicine and counselling time. Using queuing theory in pharmacy mainly find factor leading to

excessive waiting time, correlation between waiting time and patient satisfaction determine by using queuing approach. This study is important in identifying factors that affect outpatient pharmacy waiting time and ways to improve patient's satisfaction and fundamental understanding. **Materials and Methods:** Prospective observational randomized study was conducted for a period of 6 months in Hospital outpatient pharmacy. Data were collected using the techniques of work flow analysis and stopwatch was used to measure time spent in each component. A validated questionnaire was administered on the outpatients who measured their level of satisfaction with pharmaceutical services. **Results:** Major components include patient queue length for billing of prescription. (2.4min) Mean waiting time for dispensing of medicine when staff 13, and 9 were 5.6 and 7.5min. The average waiting time is 14min patient are satisfied with services. 50% of the patients were not satisfied with waiting time to collect their medicines. **Conclusion:** Need to reduce the time of dispensing procedure and patient call for counseling so that more time could be devoted. When training was given to the pharmacy staff afterwards the performance of outpatient pharmacy had been increased.



World Journal of Pharmaceutical Sciences

ISSN (Print): 2321-3310, ISSN (Online): 2321-3086

Available online at: <http://www.wjpsonline.org/>

Original Article



Development and validation of HPLC method for estimation of betulinic acid

Meghraj Suryawanshi

Department of Pharmaceutics, Shree Dhanvantary Pharmacy College, Kim, Surat-394110

Received: 13-05-2020 / Revised Accepted: 04-06-2020 / Published: 01-07-2020

ABSTRACT

A simple, specific, and economic HPLC method has been developed to estimate betulinic acid. The λ_{max} of betulinic acid was found to be 210 nm. Linearity in the concentration range of 25-150 μ g/ml was found to be exhibiting a good correlation coefficient ($R^2 = 0.999$). The developed method was validated statistically to demonstrate linearity, accuracy, precision, LOD as well as LOQ. The validation parameters were selected as per the ICH [Q2 (R1)] guideline. The results of the study proved the applicability of the present method in routine analysis of betulinic acid.

Keywords: Betulinic acid, HPLC, Triterpene acid, ICH, LOD.



Preparation and Estimation of Continuous Release Matrix Pellets of Lornoxicam by Using Basil Seed Mucilage

VIVEK RAJKULE¹, MEGHRAJ V. SURYAWANSHI^{2*}, RAJU SONAWANE²

¹Department of Pharmaceutics, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur-425405,

²Department of Pharmaceutics, Shree Dhanvantary Pharmacy College, Kim, Surat-394110, India

Rajkule, *et al.*: Formulation and Evaluation of Sustained Release Matrix Pellets of Lornoxicam

Abstract:

The current study was designed in the direction of the preparation and estimation of sustained-release pellets of lornoxicam by the extrusion-spheronization method by basil seed mucilage as an excipient for sustained drug release. These pellets were prepared using basil seed mucilage as a release retardant polymer, microcrystalline cellulose as pelletization aid, and lornoxicam as a perfect remedy. The pellets estimated by the flow parameters, friability, differential scanning calorimetry study, motic microscopy, scanning electron microscopy, and *in vitro* dissolution study. It was found that pellets prepared using basil seed mucilage as excipient were mechanically stable, good flowability, and sphericity. Differential scanning calorimetry study shows that there is no drug excipient interaction. Scanning electron microscopy images show that the pellet having spherical shape and cracks on its surface. Among all batches, F4 showed better-sustained drug release was 102.83 % at the period for 12 h. Hence, the study concludes that basil seed mucilage is best suitable for sustained drug release and has to extend the study in the future.

Keywords: Basil seed mucilage, lornoxicam, extrusion-spheronization, microcrystalline cellulose, sustained release, matrix pellets, pelletization, *in vitro* dissolution study



Sidat et.al

Himalayan Journal of Health Sciences

ISSN: 2582 - 0737

Carica papaya leaves: One of dynamic plant parts having multiple therapeutic activities

Available online at www.hjhs.co.in

REVIEW ARTICLE

Sidat Parin S.*^a, Varachia Aysha I.^b, Vanshiya Shivangini K.^b, Unagar Ajay H.^b, Akbari Meet G.^b, Dhamat Rupin C^b

^a; Assistant Professor, Department of Pharmaceutical Chemistry, Shree Dhanvantary Pharmacy College, Kim, Surat, Gujarat, India

^b Research Scholar, Shree Dhanvantary Pharmacy College, Kim, Surat, Gujarat, India

DOI [10.22270/hjhs.v5i3.67](https://doi.org/10.22270/hjhs.v5i3.67)

ABSTRACT

Introduction: Papaya (*Carica papaya* Linn.) belongs to the Caricaceae family. Papaya is well known around the world for its medicinal and nutritional properties. Various parts of the plant like, fruits, roots, bark, peel, seeds and pulp are known to have medicinal properties and scientifically established for the various properties. Since the ancient times, part of plants has been utilized for their medicinal values. The plant contains high amount of vitamins A, B and C as well as proteolytic enzyme such as papain and chymopapain. Due to such type of versatile



Workshop /Seminar /Webinar /FDP Attended By Faculty

NAME OF FACULTY	TITLE	NAME OF EVENT
Dr. Pallavi K J	GTU Organize Webinar On, NAAC Assessment & Accreditation Process. 5 th August, 2020.	Webinar
Ms. Rozinaparvin Patel	AICTE Training And Learning (ATAL) Academy Organize FDP On, "OECD principle of Good Laboratory Practices". 22 – 26 September, 2020.	FDP Attended
	AICTE Training And Learning (ATAL) Academy Organize FDP On, on "Chromatography: Advancements in Instrumentation and Applications". 12- 16 October, 2020.	FDP Attended
Dr. Manish - Goyani	GTU Organize, Webinar on, Innovate to Impact. 22 nd July, 2020.	
	KIP Organize, National Level Webinar on, Complex Product Development from Lab to Commercial: Case Study Considering Quality by Design Concept. 18 th August, 2020.	
	PharmaTutor Organize, How to Face an Interview? 7 th Pharma Expert Talk. 22 nd August, 2020.	
	GSPC Sponsored, Two Days Refreshers Course, 19 th & 20 th September 2020.	
Mr. Meghraj Suryawanshi	MCOP Organize Four Week FDP On, Effective Use of ICT Tools in Teaching – Learning. 8 th June To 7 th July, 2020.	FDP Attended
	CSIR-SRTP Organize Online Training Program. June To August, 2020.	Online Training Program
	Chariot Consultant Organize Webinar On, How to Grab Post COVID-19 Opportunities for Pharmacy Graduates? 8 th August, 2020.	Webinar
	SRKI Organize Online Certificate Course On, Patent Searching for Beginners. 6 th September, 2020.	Online Certificate Course
Dr. Uttam A. More	Organize By GTU, 3 Days Online Yoga Workshop on Yoga for Concentration & Usefulness. 24 th To 26 th August, 2020.	Workshop Attended
	KLE Pharmacy College Organize Webinar On, Boosting Immune System & Stages Involved in the Development of	Webinar



	Vaccines. 26 th July, 2020.	
Mr. Rohan Barse	BVCE Organize, Faculty Program On NBA. 5 th August, 2020.	Faculty Program
Ms. Parin S. Sidat	PharmaCampus Organize, Pharma Video Competition: Theme Life of Pharmacy Students. 16 th July, 2020.	Video Competition
Miss. Hirvita Bhatt	KLECP Organize Webinar On, Trends, Advances & Applications of Chromatographic Techniques for Purification of Phytochemicals. 3 rd July, 2020.	Webinar
	NITTTR Organize, Webinar On, W2- Evolving & Aligning Teaching Learning Process For Implementing Engineering Curriculum. 9 th July, 2020.	Webinar
	GISIPS Organize Webinar On, Computer Aided Drug Designing: State of Art & Tool for Drug Discovery. 11 th July, 2020.	Webinar
	NITTTR Organize, Webinar On, W3-Course Outcomes & Domains of Learning. 14 th July, 2020.	Webinar
	Uka Tarsadia University Organize National Webinar On, Revised Assessment & Accreditation Process of NAAC for Higher Education. 10 th August, 2020.	Webinar
	DIT University Organize Webinar On, HPTLC: Techniques & Applications. 17 th August, 2020.	Webinar
	KIP Organize National Level Webinar On, Complex Product Development From Lab To Commercial: Case Study Considering Quality by Design Concept. 18 th August, 2020.	National Webinar
	NITTTR Organize, Webinar On, W9-Continuous Improvement, Institutional Governance & Support System. 18 th August, 2020.	Webinar
	NITTTR Organize, Webinar On, W5-Prepare Course & Programme Articulation Matrices. 23 rd July, 2020.	Webinar
	NITTTR Organize, Webinar On, W11-Planning Required During Visit & Post -Visit Activities. 25 th August, 2020.	Webinar
	GUJCOST & DST Sponsored National e-Seminar on, Role of IPR & Patent in Research & Innovation: Pharmaceutical Industry Perspectives. 18 th & 19 th September, 2020.	National Seminar
Mrs. Dhara Vashi	BVCE Organize Online Faculty Program On NBA. 5 th September, 2020.	Faculty Program



Ref. No.: IQAC/NAAC Webinar/E-Certificate/2020/013- 153



Internal Quality Assurance Cell

Gujarat Technological University

E-Certificate of Participation

A Webinar on

“NAAC Assessment and Accreditation Process”

This is to certify that

Dr. Pallavi K.J.

has successfully participated in the webinar on “NAAC Assessment and Accreditation Process” organized by Internal
Quality Assurance Cell, Gujarat Technological University on 5th August, 2020

Dr. Kaushal Bhatt

Coordinator - IQAC

Dr. S. D. Panchal

Head - IQAC





Gujarat State Pharmacy Council

(Constituted Under The Pharmacy Act, 1948)

❖ CERTIFICATE ❖

This is to certify that Mr. / Mrs. / Ms. **MANISHKUMAR BABUBHAI GOYANI**, Registration No. : **G/24768** has participated in two days online Refresher Course for registered pharmacist held at Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar during 19th & 20th September of 2020 sponsored by the Gujarat State Pharmacy Council, Ahmedabad.

Registrar
Gujarat State Pharmacy Council Ahmedabad



Course Director &
Principal or Head of the Institution

4/A, 3RD FLOOR, OLD NURSING COLLEGE BUILDING, GATE NO-6, CIVIL HOSPITAL CAMPUS, ASARWA, AHMEDABAD-380 016.

Dr MANISH GOYANI

For online career guidance webinar on How to Face an Interview? named as, "7th Pharma Expert Talk" on 22nd August, 2020 organised by PharmaTutor Edu Labs.

Rajesh Vagh
FOUNDER & DIRECTOR,
PHARMATUTOR EDU LABS

V68TFY-CE000527

WWW.PHARMATUTOR.ORG





PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI, PUNE

&
ASSOCIATION OF PHARMACEUTICAL TEACHERS OF INDIA
JOINTLY ORGANIZED



FACULTY DEVELOPMENT PROGRAM

CERTIFICATE

This is to certify that

MEGHRAJ SURYAWANSHI

from Shree Dhanvantary Pharmacy College, Kim, Surat

has successfully completed the Four Week Online FDP (MOOC) on "Effective use of ICT tools in Teaching – Learning" from 8th June to 7th July 2020.

Dr. Bhushan P. Pimple
Course Coordinator

Dr. Anil A. Phatak
Course Coordinator

Dr. Raman Dang
Principal, KI ECOP, Bengaluru
Secretary, APTI, India



Dr. P. D. Chaudhari
Principal, MCOP, Nigdi
President, APTI, India

Dr. G. R. Ekbote
Chairman, B.C.P.E. Society
Patron

Course developed and run on the platform of Department of Pharmacy, Govt Polytechnic, Jalgaon



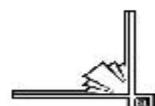
CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP)2020 ONLINE



JUNE TO AUGUST, 2020

SL. NO. - CSIR/SRTP/2020/NEIST/M/251

**NAME: MR. MEGHRAJ VIVEKANAND
SURYAWANSHI**





IP Moment
and
Shree Ramkrishna Institute of Computer Education & Applied Sciences
M.T.B. College Campus, Athwalines, Surat-395 001. Ph : 2240172
Department of Environmental Science
and
Department of Biotechnology



CERTIFICATE

This is to certify that **MR. MEGHRAJ VIVEKANAND SURYAWANSHI** of **Shree Dhanvantary Pharmacy College Kim Surat** has successfully completed the **Online Certificate Course in Patent Searching for Beginners**, jointly organized by IP Moment and Department of Environmental Science and Department of Biotechnology of SRKI college.

Dr. Paresh Dave
Founder and MD
IP Moment,
New Delhi.

Certificate ID: IP0088

Dr. Ratna Trivedi
Head of Department,
Department of Environmental Science,
SRKI, Surat, Gujarat-395001

Dr. Jay Bergi
Head of Department,
Department of Biotechnology,
SRKI, Surat, Gujarat-395001

6/9/2020 0:03:20



CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

Mr. Meghraj Suryawanshi
(Assistant Professor and Placement Coordinator
Shree Dhanvantary Pharmacy College, Surat)

For giving webinar on:
"HOW TO GRAB POST COVID-19 OPPORTUNITY FOR
PHARMACY GRADUATES?"

Aug 08 (Saturday), 2020



KLE COLLEGE OF PHARMACY, NIPANI



Certificate

*This is certify that Mr./Ms./Dr.***Dr. Uttam A. More**

has attended webinar on "**Boosting Immune System and Stages Involved in the Development of Vaccines**" organised by Dept. of Pharmaceutical Chemistry, KLE College of Pharmacy, Nipani on 26th July 2020.

**Mr. Ramesh V.**

Programme Coordinator

**Dr. J. K. Saboji**

Chief Coordinator & Principal

GUJARAT
TECHNICAL
UNIVERSITY

Certificate Sr. No.: ...202021/0634.....

**E-CERTIFICATE
OF PARTICIPATION**

This E-Certificate is presented to

Dr. Uttam A More

from

Shree Dhanvantary Pharmacy College

has successfully participated in

3 Days Online YOGA Workshop on**"Yoga for Concentration & Usefulness"**

organized by

Gujarat Technological University,on 24th to 26th August, 2020.**Dr. A. H. Gohil**
Sports Officer

-sd-

Dr. K. N. Kher
Registrar



Bharati Vidyapeeth College of Engineering



(Permanently affiliated to Mumbai University, Approved by AICTE, New Delhi and NBA Accredited)
Sector-7, CBD, Belapur, Near Kharghar Railway Station, Navi Mumbai-400614. www.bvcoenm.edu.in

CERTIFICATE OF APPRECIATION

This certificate declares that Dr./Prof. **Rohan K Barse**

Shree Dhanvantary Pharmacy College has successfully completed online

Faculty Program on NBA

on 5/10/2020, with a passing score of 70%
organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai - 400614.

Certificate ID T3IWHA-CE001435

Prof. H. B. Sale
Coordinator

Dr. S. D. Jadhav
Principal

PHARMA
CAMPUS
THE PHARMA E-LEARNING PLATFORM

CERTIFICATE OF EXCELLENCE

Certificate Id: NHT-PCW20-COE02

This certificate is hereby awarded to
PARIN SALIM SIDAT

In appreciation of his participation in 'Pharma Video Competition';
which was conducted on **16th July 2020**.

His/her creative work under the theme '**Life of a pharmacy
student**'; was much appreciated.

The video competition was organized by **PharmaCampus**- India's
first e-learning Platform for Pharma Students. The video entry got
selected as 'second runner-up' under the viewer's choice.

GAURAV MEENA
Co-ordinator

KETAKI GHATOLE
Founder and Director



ANCHROM
Enterprises (I) Pvt. Ltd.
Technological & Technical

DIT
UNIVERSITY
Dehradun, Uttarakhand

Certificate of Attendance

THIS IS TO CERTIFY THAT

Hirvita Bhatt

Attended the webinar on

“HPTLC: Technique and Applications”

Conducted on

August 17, 2020

Jointly organized by

Anchrom Enterprises (I) Pvt. Ltd., Mumbai.

and

Faculty of Pharmacy, DIT University, Dehradun


Akshay Charegaonkar
Director


Dr. Havagiray Chitme


Dr. Neeraj Kumar
Sethiya


Dr. Sushil Kumar
Chaudhary



CERTIFICATE OF PARTICIPATION

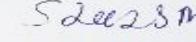


Certificate No.: 2020-21/0242

This is to certify that

Ms. Hirvita Bhatt

of **Shree Dhanvantary Pharmacy College, Kim (Gujarat Technological University)** has participated in National Webinar on Revised Assessment and Accreditation process of NAAC for Higher Education Institutions organized by Internal Quality Assurance Cell of Uka Tarsadia University (UTU), Bardoli, Gujarat in Association with National Assessment and Accreditation Council, Bangalore on 10th August 2020.


Dr. Shree Mishra
Registrar, UTU
Dr. Shailesh Shah
IQAC - Director, UTU

Certificate Id: Y7SD50-CE000008



**Gujarat Council on Science and Technology (GUJCOST) &
Department of Science and Technology (DST) Sponsored**



National E-Seminar on

"Role of IPR and Patent in Research and Innovation: Pharmaceutical Industry Perspective"

Certificate of Participation

This is to certify that **Hirvita Bhatt** of **Shree Dhanvantary Pharmacy College, Gujarat Technological University** has participated as a Delegate in Gujarat Council on Science and Technology (GUJCOST) & Department of Science and Technology (DST) Sponsored National E-Seminar on **"Role of IPR and Patent in Research and Innovation: Pharmaceutical Industry Perspective"** organized by Shree Swaminarayan Sanskar Pharmacy College, Zundal, Gandhinagar on 18th and 19th September, 2020.



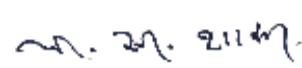
Mr. Harsh J. Trivedi
Coordinator



Dr. Kunal N. Patel
Co-Convenor & I/C Principal



Dr. M. M. Patel
Convenor



Shri P. C. Shastri Swami
Patron





KLE COLLEGE OF PHARMACY, BELAGAVI

A constituent unit of
KLE Academy of Higher Education & Research

[DEEMED-TO-BE-UNIVERSITY]

REACCREDITED AT 'A' LEVEL BY NAAC (SECOND CYCLE), PLACED IN 'A' CATEGORY BY MHRD (GoI)

B. PHARM PROGRAM ACCREDITATED BY NBA, NEW DELHI, FOR A PERIOD OF SIX YEARS UP TO JUNE 2025

Certificate

This is to certify that Dr./Mr./Ms.

Hirvita Bhatt

has Attended Webinar on "Trends, Advances and Applications of Chromatographic Techniques for purification of Phytochemicals" organized by Dept. of Pharmacognosy, KLE College of Pharmacy, Belagavi, Karnataka on 3rd July 2020.

Dr. Satish A. Kavatagimath
Program Co-ordinator

Dr. M. B. Patil
Convenor
Vice-Principal, KLE COP, BGU

Dr. Sunil S. Jalalpure
Chief Coordinator,
Principal, KLE COP, BGV



KALOL INSTITUTE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to G.T.U



<http://www.kipr.ac.in/>



+91 9099063125



kip_kalol@yahoo.co.in

Ahmedabad-Mehsana Highway, Op. Sindabad Hotel, Kalol - 382721, Ta-Kalol, Dist-Gandhinagar, Gujarat, India.

CERTIFICATE OF APPRECIATION

We are honored to present this certificate to

Ms. Hirvita Bhatt

For Attending A National Level Weninar of
"Complex product development"

from lab to commercial: Case studyconsidering quality by design concept"
Oragnised by Kalol Institute of Pharmacy, Kalol, held on 18th August 2020.

Dr. S.T. Prajapati
(Principal)

FUQZKI-CE000109

Dr. Deepa Patel
(Coordinator)

Dr. Keyur Patel
(Co- Coordinator)



Regd. No. W2/2020-2021/11958

ID No. W-00

**National Institute of Technical Teachers' Training and Research, Bhopal****Accreditation Webinar Series***Certificate of Participation*

This certificate is awarded to

HIRVITA BHATT

for attending webinar

W2- Evolving and aligning teaching learning process for implementing engineering curriculum
on 9th July 2020 organised by this institute.Dr. C. Thangaraj
Director, NITTTR, BhopalDr. R.K. Dixit
Coordinator, Accreditation Webinar SeriesDr. Sharad K. Pradhan
Coordinator, Webinar

Regd. No. W5/2020-2021/12713

ID No. W-01

**National Institute of Technical Teachers' Training and Research, Bhopal****Accreditation Webinar Series***Certificate of Participation*

This certificate is awarded to

HIRVITA BHATT

for attending webinar

W5- Prepare Course and Programme Articulation Matrices
on 23rd July 2020 organised by this institute.Dr. C. Thangaraj
Director, NITTTR, BhopalDr. R.K. Dixit
Coordinator, Accreditation Webinar SeriesDr. D. Singh Karaulia
Coordinator, Webinar



National Institute of Technical Teachers' Training and Research, Bhopal

Accreditation Webinar Series

Certificate of Participation

This certificate is awarded to

HIRVITA BHATT

for attending webinar

W3- Course outcomes and domains of learning
on 14th July 2020 organised by this institute.

Dr. C. Thangaraj
Director, NITTTR, Bhopal

Dr. R.K. Dixit
Coordinator, Accreditation Webinar Series

Dr. Sanjay Agrawal
Coordinator, Webinar



National Institute of Technical Teachers' Training and Research, Bhopal

Accreditation Webinar Series

Certificate of Participation

This certificate is awarded to

HIRVITA BHATT

for attending webinar

W9- Continuous improvement, institutional governance and support system
on 18th August 2020 organised by this institute.

Dr. C. Thangaraj
Director, NITTTR, Bhopal

Dr. R.K. Dixit
Coordinator, Accreditation Webinar Series

Dr. R.K. Dixit
Coordinator, Webinar



National Institute of Technical Teachers' Training and Research, Bhopal

Accreditation Webinar Series

Certificate of Participation

This certificate is awarded to

HIRVITA BHATT

for attending webinar

W11- Planning Required During the Visit and Post - visit Activities
on 25th August 2020 organised by this institute.

Dr. C. Thangaraj
Director, NITTTR, Bhopal

Dr. R.K. Dixit
Coordinator, Accreditation Webinar Series

Dr. D. Singh Karaulia
Coordinator, Webinar



Bharati Vidyapeeth College of Engineering



(Permanently affiliated to Mumbai University, Approved by AICTE, New Delhi and NBA Accredited)
Sector-7, CBD, Belapur, Near Kharghar Railway Station, Navi Mumbai-400614. www.bvcoenm.edu.in

CERTIFICATE OF APPRECIATION

This certificate declares that Dr./Prof. **Dhara Vashi**

Shree Dhanvantary pharmacy college Kim has successfully completed online

Faculty Program on NBA

on 5/9/2020, with a passing score of 65%
organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai - 400614.

Certificate ID T3IWHA-CE001281

Prof. H. B. Sale
Coordinator

Dr. S. D. Jadhav
Principal



SDPC E-BULLETIN



SDPC E-BULLETIN

E-Mail:sdpcebulletin@gmail.com

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RISHIKESH KULKARNI	B.PHARMSEM -VII
AYUSH PANCHAL	B.PHARMSEM -V
	B.PHARMSEM -III
	B.PHARMSEM -I

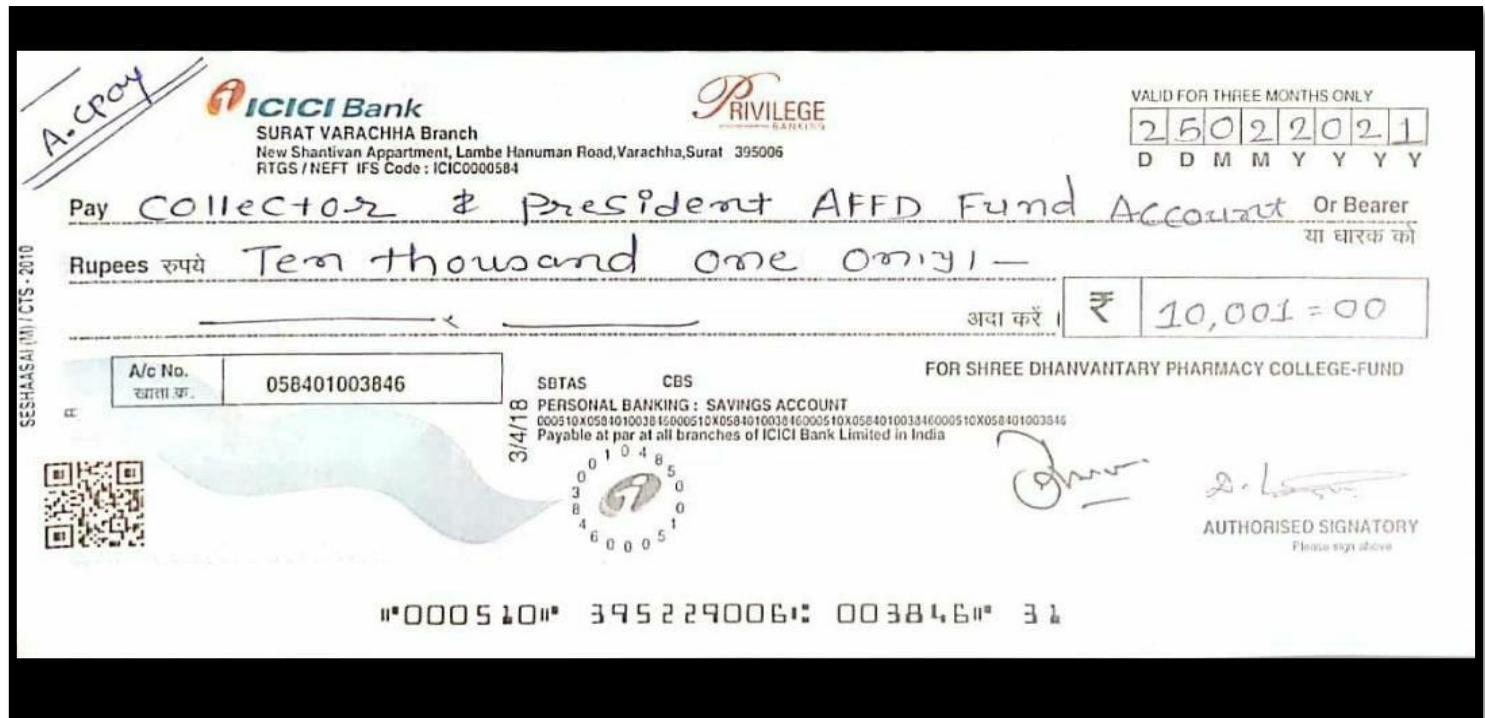
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Bhabha Atomic Research Centre, Mumbai, India.**Prof. Kap Seung Yang**PhD (North Carolina State University, Raleigh, North Carolina, USA)
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Director of Alan G. MacDiarmid Energy Research Institute at Chonnam National University.**Dr. Padmakar V. Kulkarni**PhD (Rensselaer Polytechnic Institute, Troy, New York, USA)
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Chemical Engineering Department, CLRI (CSIR), Chennai, India**Prof. Hyung IL Lee**PhD (Carnegie Mellon University, Pittsburgh, USA)
Professor, Department of Chemistry, University of Ulsan, Ulsan, South Korea.**Prof. Kuei-Hsien Chen**PhD (Harvard University, USA)
Research Fellow & Deputy Director, Institute of Atomic & Molecular Sciences,
Academia Sinica, National Taiwan University, Taipei, Taiwan.

Armed Forces Day Celebration

सशस्त्र सेना झंडा दिवस



7 दिसम्बर - 7 DECEMBER
ARMED FORCES FLAG DAY



Event: Armed Forces Flag Day

Date: 07/12/2020

Day: Monday

Participants: Pharm D. And B.Pharm Students , Teaching and Non-Teaching Staff

Venue: SDPC Campus, Kim,

Organ Donation Awareness Webinar

Zoom Leave Recording

Organs and Tissues for Donation



Organs:
- Heart
- Lungs
- Liver
- Kidneys
- Intestines
- Pancreas

Tissues:
- Corneas
- Veins
- Heart Valves
- Bones
- Tendons
- Skin

Shatayu

Unmute Start Video Share Participants More

Zoom Leave Recording

Difference between Brain Death & Coma

Coma	Brain Death
A state of deep unconsciousness	An irreversible condition
Brain still functions and the person is alive	Brain stops functioning completely
Hippocampus that stores memories is damaged to some extent	Hippocampus and other brain cells are damaged completely

Shatayu

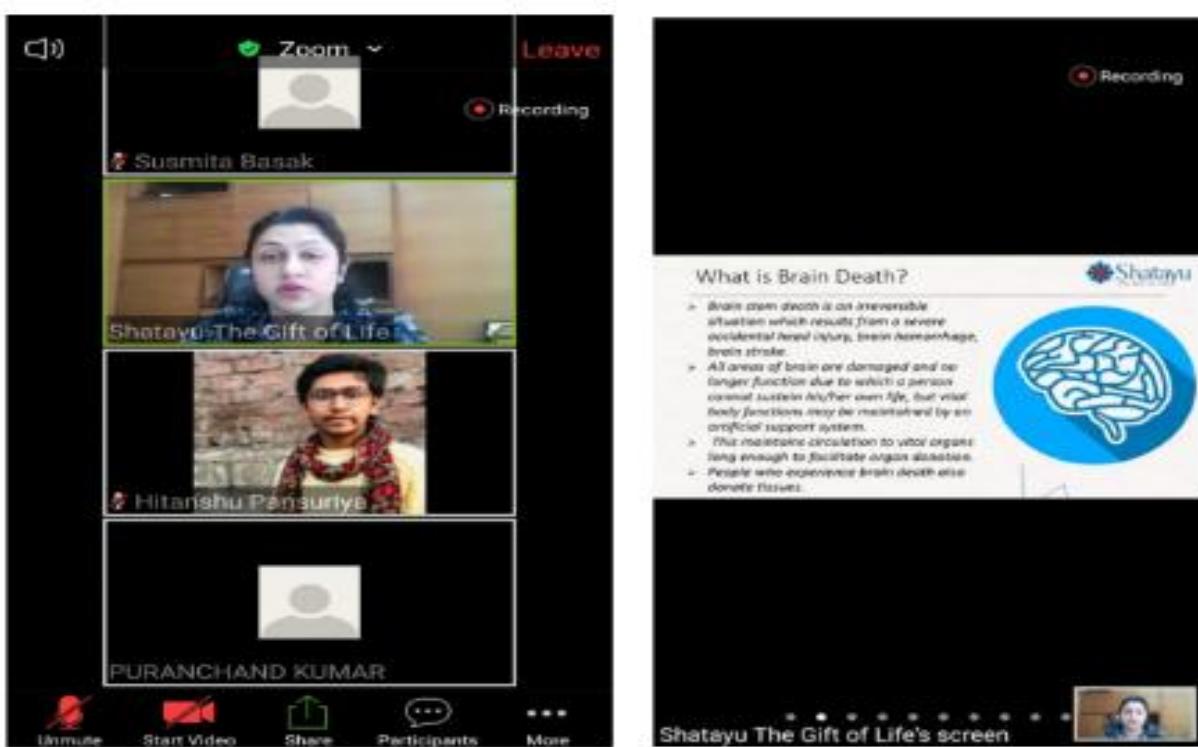
Unmute Start Video Share Participants More

Close Participants (100)

GS	Gaurav satasiya		>
GM	Gondaliya mrigisha		>
JJ	Jadav Jaynilsinh		>
K	Khelan Rakholiya		>
M	Mamta Gupta		>
MR	Megha rajput		>
NS	Nishant Sinha		>
PR	Patel Richi		>
PK	PURANCHAND KUMAR		>
SS	SAMEE SHAIKH		>

Close Participants (100)

PM	parth Mangukiya		>
PA	Patel aanshi		>
PK	Patel akanksha		>
PH	Patel harni nileshbhai		>
PM	Patel Meet		>
PT	Pooja Thapa		>
PN	Prasad nisha kumari shree...		>
PS	Prasad Simran		>
SB	PREM BHATT		>



Event: Organ Donation Awareness Webinar

Date: 22/12/2020

Day: Tuesday

Participants: Pharm D. And B.Pharm Students , Teaching staff

Mode: online

Platform : zoom

Venue: SDPC Campus, Kim,



Workshop /Seminar /FDP Attanded By Faculty

Sr no	Name of faculty	Title
1	Dr. Anand Deshmukh	JECR Organize One Week FDP Program on, Stress & Anger Management. 15 th To 19 th December, 2020
2	Ms. Rozinaparvin Patel	AICTE Training And Learning (ATAL) Academy Organize FDP On, on "Chromatography: Advancements in Instrumentation and Applications". 12- 16 October, 2020.
3	Mr. Meghraj Suryawanshi	ISDCA Organize International Conference On Theme, Research, Development & Innovations for Global Healthcare. 17 th October, 2020. ATAL Organize FDP On, Design Thinking. 23 rd To 27 th November, 2020. SIPS Organize, National Level STTP On, Application of Outcome Based Learning in Pharmacy & Process of NBA. 7-9 October, 2020.
4.	Dr. Uttam A. More	AICTE & DST-GUJCOST Sponsored International E-Conference PHARMATECH-2020Exploring myriads of Pharma in Pharmaceutics & Pharmaceutical Technology. 28 th To 30 th October 2020 Prin. K.m.Kundnani college of pharmacy, Webinar on Authoring & Proctoring Tools for Academics. 21 st November 2020.
5.	Mr.Harshil M. Patel	Nanotechnology And It's Advances, 25 th October,2020 Ndma Impurity In Medicine: A Source Of Bewilderment For The Patients, 1 st November,2020 Role Of Pharmacist In Preventing Drug Abuse', 8 th November,2020 Role Of Pharmacists For Best Therapeutic Outcomes, 29 th



		November,2020
		Web-Based Educational Tools For Computer-Aided Drug Design,Scope And Importance, 4 th December,2020
6.	Ms. Urvashi B.Patel	Web-Based Educational Tools For Computer-Aided Drug Design,Scope And Importance, 4 th December,2020
		Academic Delivery And Assessment During Covid Pandemic Vis-A-Vis National Education Policy, 20 th December,2020
7.	Mrs. Monika Kakadiya	PU Organize, National Workshop on, Web-Based Educational Tools for Computer Aided Drug Design, Scope & Importance. 4 th December, 2020



No. ATAL/2020/1598007580



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **Rozinaparvin I Patel**, Assistant Professor of **Sdpc,kim** participated & completed successfully **AICTE Training And Learning (ATAL) Academy Online FDP on "Chromatography: Advancements in Instrumentation and Applications"** from **2020-10-12 to 2020-10-16** at **Dr D Y Patil Institute of Pharmaceutical Sciences and Research,**

Director ATAL Academies



Coordinator



One Week TEQIP-III Sponsored
FACULTY DEVELOPMENT PROGRAMME
on
STRESS & ANGER MANAGEMENT



Organised By
Rajasthan Technical University, Kota &
Jaipur Engineering College and Research Centre, Jaipur

Certificate

Ref No.: RTU/TEQIP III/F(56)/2020-21/5581-87/JECRC(SAM)/211

This is to certify that Dr. Anand S. Deshmukh _____ of
Shree Dhanvantary Pharmacy College _____ has

participated in the one week **Faculty Development Programme on "Stress & Anger Management"** held from **15 / 12 / 2020 to 19 / 12 / 2020** at **Jaipur Engineering College and Research Centre, Jaipur.**

Ms. Chitra Khandelwal
Coordinator, JECRC, Jaipur

Prof. Vinay Kumar Chandra
Principal, JECRC, Jaipur

Dr. B. D. Gidwani
Coordinator, RTU, Kota

**"A Research in Pharmaceutical, Medical Science and Drug Discovery"**

PHILIPPINES

In collaboration with School of Health Science Professions, College of Pharmacy, Office of the Research, Extension and Linkages and International Journal of Science and Pharma Innovation, India

This

CERTIFICATE OF PARTICIPATION

is presented to

Meghraj Suryawanshi

Assistant Professor, Department of Pharmaceutics, Shree Dhanvantary Pharmacy College, Kim, Surat, Gujarat, India

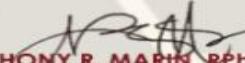
to certify that he/she has attended the International Scientific Drug Conference of Asia 2020 (ISDCA 2020) with the theme **"Research, Development and Innovations for Global Healthcare"** delivered via DominiConnect on October 17, 2020 at St. Dominic Complex, E. Aguinaldo Highway, City of Bacoor, Cavite, Philippines as

PRESENTER

of the research entitled

"Preparation and Estimation of Continuous Release Matrix Pellets of Lornoxicam by Using Basil Seed Mucilage."

ISDCA009/2020


PROF. ANTHONY R. MARIN, RPh, MS Pharm
Chairman of ISDCA 2020
Program Chair, College of Pharmacy
St. Dominic College of Asia, Philippines
DR. NILDA W. BALSICASVice President for Research, Extension and Linkages
Research, Innovation and Development Office
St. Dominic College of Asia, Philippines

No:ATAL/2020/1598195104

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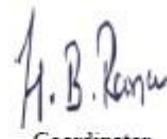
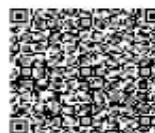
Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training And Learning (ATAL) Academy**Certificate**

This is certified that **Meghraj Vivekanand Suryawanshi**, Assistant Professor of **Shree Dhanvantary Pharmacy College Kim** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Design thinking"** from **2020-11-23 to 2020-11-27** at **Anand Pharmacy College**.



Director ATAL Academies


Coordinator



NATIONAL LEVEL VIRTUAL SHORT TERM TRAINING PROGRAM (vSTTP)



CERTIFICATE OF APPRECIATION

This is to Certify that

Dr. / Mr./Ms./Mrs. Mr. MEGHRAJ VIVEKANAND SURYAWANSI

has successfully completed National Level Virtual Short Term Training Program as Delegate on

"APPLICATION OF OUTCOME BASED LEARNING IN PHARMACY & PROCESS OF NBA"

Sponsored by Gujarat Council on Science and Technology (GUJCOST), and Department of Science and Technology (DST), Government of Gujarat

Organized by Saraswati Institute of Pharmaceutical Sciences, Gandhinagar, Gujarat,

during 07 – 09 October, 2020.

SHRI K. G. PATEL

Patron

DR. S. K. SHAH

Convener

DR. ANKIT B. CHAUDHARY

Coordinator



CERTIFICATE

This is to certify that

Prof./Dr./Mr./Ms. UTTAM A. MORE

Has Participated as Delegate at

AICTE and DST-GUJCOST Sponsored International E-Conference
"PHARMECH 2020 - Exploring myriads of Pharma in Pharmaceutics and
Pharmaceutical Technology"

Organized by

L. M. College of Pharmacy, Ahmedabad during 28th to 30th October 2020.

Dr. Mahesh T. Chhabria
Convener

Dr. Yamini D. Shah
Organizing Secretary



Certificate No: LMCP/2020/843





LearningMate™



CERTIFICATE OF PARTICIPATION

This is to certify that

Uttam A. More

has successfully attended the webinar

Authoring and Proctoring Tools for Academics

held on 21st November 2020

Organized by Prin.K.M.Kundnani College of Pharmacy, Cuffe Parade, Mumbai-05
in collaboration with LearningMate and in association with APTI

Dr. P. D. Chaudhari
President APTI

Dr. Urmila Joshi
Principal
Prin.K.M.Kundnani
College of Pharmacy

Dr. Mrinal Sanaye
Organizing Secretary
Associate Professor
Prin.K.M.Kundnani College of Pharmacy

PHOTO MADE FOR FREE WITH CERTIFY'EM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to

DR. HARSHILKUMAR MANUBHAI PATEL

for participated (reg. no. SPSR/Webinar/298) in the SPSR National Webinar on 'NANOTECHNOLOGY AND IT'S ADVANCES' organized by Society of Pharmaceutical Sciences and Research (SPSR) Women's Forum on 25th October 2020

Mrs. Monika Sabharwal
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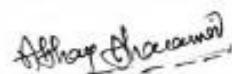
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Paper Publication By Faculty

Dr. M. N. Noolvi								
Sr No.	Authors name & title of publication	Journal	Month h/ Year	Volume	Page no.	DOI	Publisher /ISSN/ISBN No.	Whether Peer Reviewed/ Impact Factor
1.	Estimation of four drugs: Ambroxol hydrochloride, Levocetirizine hydrochloride, Phenylephrine hydrochloride and Paracetamol by RP-HPLC in tablet dosage form	International Journal of Pharmaceutical Chemistry and Analysis	December 2020	5(1)	31-38	10.18231/2394-2797.2018.0006	Innovative Publication Pvt. Ltd. ISSN: 2394-2789	-
2.	Synthesis, anti-microbial and anti-oxidant activity novel triazolo-quinazolines.	International Journal of Pharmaceutical Research	December 2020	12(3)	863-870	10.31838/ijpr/2020SP3.118	Advanced Scientific Research ISSN: 0975-2366	-
3.	Synthesis and biological evaluation of novel Triazolyl quinazolin-4-one derivatives as anticancer agents	European Journal of Molecular & Clinical Medicine	2020	7(11)	5201-5214		ISSN: 2515-8260	-
Mr. Meghraj Suryawanshi								
1.	A Systematic Review of Antiviral Drugs for the Treatment of the COVID-19 Pandemic.	Manipal Journal of Pharmaceutical Science	Nov-2020	6(2)	109-113		ISSN: 2455-3735	Peer Reviewed IF:3.746
2.	COVID-19 Awareness, Prevention, Diagnosis, and Treatment: A Review.	Manipal Journal of Pharmaceutical Science	Nov-2020	6(2)	101-104		ISSN: 2455-3735	Peer Reviewed IF:3.746

Estimation of four drugs: Ambroxol hydrochloride, Levocetirizine hydrochloride, Phenylephrine hydrochloride and Paracetamol by RP-HPLC in tablet dosage form

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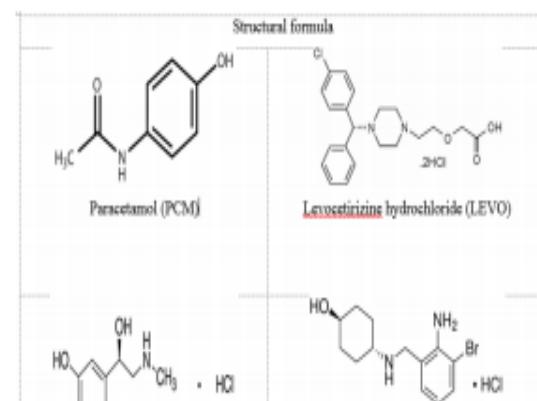
Abstract

A simple, specific, accurate and economic isocratic RP-HPLC method was developed for the simultaneous determination of Ambroxol hydrochloride, Levocetirizine hydrochloride, Phenylephrine hydrochloride and Paracetamol in bulk and tablet dosage form. A reverse phase Nucleosil C₁₈ column (250 mm x 4.6 mm x 5 μ m) with mobile phase consisting of Methanol: Sodium Phosphate dibasic anhydrous Buffer (65:35 V/V) having (pH of buffer 7.0 \pm 0.02 adjusted with ortho phosphoric acid) was used. The flow rate was 1.0 mL/min and the effluents were monitored at 230 nm. The retention times of Paracetamol, Levocetirizine hydrochloride, Phenylephrine hydrochloride and Ambroxol hydrochloride were found to be 3.117, 4.925, 6.217 and 12.308 min. respectively. The method was validated in terms of linearity, range, specificity, accuracy, precision and robustness. The proposed method was successfully applied for the estimation of paracetamol, levocetirizine hydrochloride, phenylephrine hydrochloride and ambroxol hydrochloride in combined tablet dosage form.

Keywords: Paracetamol (PCM), Levocetirizine hydrochloride (LEVO), Phenylephrine hydrochloride (PHEN), Ambroxol hydrochloride (AMB), Isocratic, RP-HPLC.

Introduction

Paracetamol is analgesic and antipyretic chemically it is N-(4-hydroxyphenyl) acetamide. Phenylephrine hydrochloride chemically is (1R)-1-(3hydroxy-phenyl)-2-(methylamino) ethanol hydrochloride and is sympathomimetic (decongestants). Levocetirizine hydrochloride chemically 2-[2-[4-[(R)-(4 chlorophenyl)-phenylmethyl] piperazin-1yl] ethoxy] acetic acid; dihydrochloride and is antihistaminic and Ambroxol hydrochloride is chemically trans- 4-[(2-amino-3, 5



Research Article

Synthesis, anti-microbial and anti-oxidant activity novel triazolo-quinazolines.

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ABSTRACT

The synthesis of 3-[substituted-2,4 triazoly]-2-phenithrazoline-4[3H]-one and the biological evaluation of them as anti-microbial and antioxidant agents have been recorded in the present study in an attempt to classify new groups of antifungal agents. In the series synths, antimicrobial potential against numerous bacteria, including *Staphylococcus aureus*, *Bacillus subtilis*, was evaluated for *aeruginosa-pseudomonas* and fungi; *candida albicans* and *aspergillus niger*, and chloramphenicol and amphotericin-B. Similarly, antioxidant function was also examined in these compounds with DPPH monitoring. Of the nine synthesized compounds, 7e contained an active compound against gramme positive (*S. aureus*) and gramme negative bacteria (*P. vulgaris*). Similarly, 7b (88.23 percent) and 7e (89.23 percent) showed strong anti-oxidant activity as opposed to standard ascorbic acid (94 percent).

Keywords: Synthesis; quinazolin-4[3H]-one; anti-microbial activity; anti-oxidant activity.**INTRODUCTION**

Because of the combination of emerging infectious diseases and a growing number of MPRs[1-4], such as *Staphylococci aureus*, *Staphylococci ureus* methicillin-resistant, *Streptococcus pneumoniae*, and Penicillin Resistant to vancomycin[1-4], management of infections attributable to bacteria, fungi and viruses remains a serious and overwhelming challenge. To treat bacterial infections, a wide variety of antibiotics have been developed. Bacteria become resistant to antibiotics, resulting, after years of antibiotic misuse and overuse, in a potentially global health crisis[7]. Amoxicillin, Norfloxacin and Ciprofloxacin[8] are the antibiotics most frequently used for multiple types of bacterial infections. Ideally, if this side effect and the progression of drug resistance are to be solved, new drugs should consist of chemical characteristics that distinctly vary from existing agents. Heterocycle, as a fragment of a number of drugs on the market, is one of the most important components of an **Page 1 of 10** current drug discovery[9, 10]. 1,2,4-triazole moieties can influence the pharmacological and

pharmacological properties, including anti-cancer [13,14], anti-viral [15,16], anti-tuberculosis [17,18], anti-fungal [19,20] and anti-bacterial [21,22] activity. Various antibiotics and antiviral drugs, such as tazobacrum, ravuconazole, ceftrizine, fluconazazole, tavist, mytezolate, valacyclovir, also have triazole mobility in the structure. In medicinal chemistry, quinazolinones and quinazolines are also known as having broad-speaking, anti-bacterial, anti-fungal [23-28], anti-inflammatory [29,31], anti-HIV [32,33], anti-viral [32,33] and inhibitory effects on thymidylate synthase [35,36], poly[ADP-ribose] [PARP] [37-39] polymers. [23] Tuberculosis [23,34], and also anti-inflammatory medicines [29,30]. Several licenced quinazoline-structured medications, including prazosin, mesilate doxazosin and terazosin hydrochloride[42,43], have been released on the market. The careful use of the quinazolinone core to produce and synthesise new antibacterial agents has recently received significant attention[44-45]. Studies of **Page 2 of 10** structure-activity relationships in various literature have shown that replacement at positions 2 and 3 may improve their antimicrobial activity[46-49].

SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL TRIAZOLYL QUINAZOLIN-4-ONE DERIVATIVES AS ANTICANCER AGENTS

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ABSTRACT

A novel series of triazolylquinazolin-4-one derivatives have been synthesized and characterized by TLC, melting point, FT-IR, ¹H NMR and mass spectroscopy data. The synthesized series of title compounds were subjected for docking studies using Schrodinger Glide software, evaluated for their potential to inhibit enzyme EGFR-tyrosine kinase followed by in-vitro anticancer activity by SRB assay method on HeLa, MCF-7, A-549 cell lines. The series of compounds shows anticancer activity probably by inhibiting the enzyme EGFR-tyrosine kinase.

KEYWORDS: Anticancer activity, EGFR, Molecular Docking, SRB assay, Synthesis, Tyrosine Kinase, triazolylQuinazolin-4-ones.

I. INTRODUCTION

Cancer is a disease category in which unregulated cells in the body form, spreading between organ and other body bodies, according to the World Health Organization (WHO). In India as well as internationally, cancer is the leading cause of death. Cancer diagnosis and care remain a significant health concern in low- and middle-income countries. In several cell phases including metabolism, cell proliferation, apoptosis, and survival, tyrosine kinases are essential. Cancer is commonly observed in all ages and gender[1]. Tyrosine kinase's overexpression triggers the development of the tumour [2]. The best approach in designing modern cancer therapies is blocking tyrosine kinases. The main targets for cancer inhibition are EGFR, VEGFR, HER2, PDGFR, mTOR, HGF, FGFR [3]. Quinazolin-4-ones have a range of pharmacological potentials, including antimicrobial, antifungal, anticonvulsant, antifungal, anti-oxidant, alpha-glucosidase inhibitor[4-7]. Nitrogen, which comprises five chemicals, is known as anti-Page 11 of 14 agent, —the Q, a + reasis and anti-bacterial [8-11]. In our current study, we have synthesised 9 replacements. TLC, Melting point.

Review Article

A Systematic Review of Antiviral Drugs for the Treatment of the COVID-19 Pandemic

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Abstract

The present outbreak of Corona Virus Disease-19 (COVID-19) is a challenge to human existence and act as a threat to humanity as a whole. It spread very fast from one country to another and has now affected almost the whole world. As of now, there is no definite curative medicine for this pandemic but there is a hope of discovery of an effective treatment for this viral infection. According to scientific literature and clinical researcher, there are many antiviral drugs namely Chloroquine, Hydroxychloroquine, Remdesivir, Ribavirin, Lopinavir, Umifenovir, Favipiravir, and Dexamethasone that are prominently used in the treatment of COVID-19. This review article gives a brief idea regarding these antiviral drugs and how they are effective in this pandemic and their role in future discovery.

Key Words: Antiviral, COVID-19, Infection, Pandemic, Self-isolation, Virus, WHO

Introduction

In December 2019, a group of peoples were identified as pneumonia patients in Wuhan city, Hubei, China. Among them, some had health problems like fever, cough, nausea, headache, and lung infiltration. The Chinese Centre for disease control (CCDC) found out that these health issues are related to intake of bat, snake, and marmot. The CCDC concluded that this is because of a virus which is a powerful variant of Severe Acute Respiratory Syndrome (SARS). The newly found virus was named SARS-CoV-2, and

WHO renamed it as COVID-19. COVID-19 was declared as a pandemic on 11 March 2020 by the World Health Organization (WHO).¹

COVID-19 is a type of Severe Acute Respiratory Syndrome. It belongs to a virus family named coronaviridae. In medical sciences, to prevent a viral infection, antiviral drugs are prescribed for treatment. Antiviral drugs are the medicines that cure virus infection. The scientific survey states that there are many antiviral medicines which are being used for the treatment of various viruses, and such medicines are also used as a preliminary treatment for this pandemic.²

Chloroquine, Hydroxychloroquine, Favipiravir, Remdesivir, Umifenovir, Lopinavir/Ritonavir, Ribavirin, and dexamethasone are currently undergoing phases of a clinical trial to test if they are effective and safe to be used against COVID-19.³

Antiviral drug and their role in COVID-19 treatment

Chloroquine phosphate and Hydroxychloroquine

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Review Article

COVID-19 Awareness, Prevention, Diagnosis, and Treatment: A Review

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Abstract

The recent pandemic of Corona Virus Disease-19 (COVID-19) is a challenge to human existence and is a threat to humanity. It is spreading rapidly from one country to another and has almost affected the whole world. Currently, there is no precise treatment for this pandemic, but a hope of discovery expected from our great scientist and doctor. This article provides a brief detail regarding awareness, prevention, diagnosis, and treatment of COVID-19 pandemic and the future aspiration.

Key words: COVID-19, Pandemic, RT-PCR, Virus, WHO

COVID-19 and its outbreak

According to scientific literature, in December of 2019, a group of people were identified as pneumonia patients in Wuhan city, Hubei, China, with health issues like fever, cough, lung infiltration etc.¹ Chinese centre for disease control (CCDC) found out that these health issues are related to the intake of animals such bat, snake, and marmot. CCDC predicted that this is because of a virus which is a husky variant of Severe Acute Respiratory Syndrome (SARS). World Health Organization (WHO) renamed the virus SARS-CoV-2 as COVID-19.²

In the second week of January 2020, there was a COVID-19 outbreak in the Wuhan city and the Chinese government set forth for a lockdown of the

city. It was suspected as contagious and considered as an epidemic.³ In the last week of January 2020, WHO declared COVID-19 a global emergency as it was spreading throughout the world and was starting to become a pandemic. All the countries were warned and the organisation tried to control the pandemic.

History and origin

According to literature, the first case of coronavirus was reported as unsympathetic in 1960. As claimed by the Canadian investigation in 2001, around 500 patients were recognized with a flu-like coordination, out of which, 17 to 18 cases were established as infected by coronavirus. In 2003, a few people in USA, Hong Kong, Singapore, Thailand, Vietnam, and Taiwan were diagnosed with a severe respiratory syndrome.³

Microbiology

Coronavirus is the family of viruses causing respiratory tract infection. They belong to order *Nidovirales* and family *Coronaviridae*. It is an unsegmented, single-stranded, positive-stranded RNA virus. It has a projection like arrangement on the outer surface, identical to a crown (in Greek "corona" means crown). They are polymorphic and circular, having dimensions 50–150 nm. The current

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