



Rai University
EVOLVING THINKING MINDS



**SCHOOL OF
PHARMACY**



— E- NEWSLETTER —

PHARMA PULSE 1.0

औषधि गंगा

JULY 2022 - JUNE 2023

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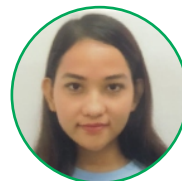
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Student
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B. Pharm 6th semester
SOP



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SOP



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SOP



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B. Pharm 2nd semester
SOP



Student
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D. Pharm 1st Year
SOP

SCHOOL OF PHARMACY



ABOUT THE INSTITUTION

School of Pharmacy (SOP) is constituent institute of Rai University, Ahmedabad established in 2019. It holds approval from the Pharmacy Council of India (PCI) and is situated in a well-equipped campus with a remarkable building, offering an optimal environment for academic excellence and research pursuits.

Pharmacy is the branch of health sciences that deals with the preparation and dispensing of drugs. Its aim is to ensure the safe and effective use of pharmaceutical drugs. The Diploma or Bachelor of Pharmacy degree is the gateway for entering pharmacy sector in Medical, Health care industries and Hospital etc. This degree includes subject like Pharmaceutics, Pharmacology, pharmaceutical chemistry, Pharmacognosy etc.

VISION

To establish a qualitative benchmark by providing pharmaceutical education and research with the new era of technological advancements.



MISSION

- To establish academic & research excellence and develop core competency in the pharmaceutical sector.
- Educate students through learner-centric approaches to attain the needs of health and management related fields in pharmaceutical industry.
- Prepare pharmaceutical science professionals relevant for the community, industry and institution that upholds ethical values and pharmaceutical legislation.



PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- To build knowledgeable and skilled pharmacy professionals by providing quality educational and research opportunities.
- To enhance pharmacy professional development by training in hospitals & industries.
- To inspire the students to participate in the process of life-long learning.
- To promote teaching-learning practices by creative faculty resources & effective monitoring.
- To embody future pharmacists with leadership and entrepreneurship capabilities
- To educate students to implement the healthcare system

Program Specific Outcomes (PSOs)

- **PSO1: Medicine :**
To Perform research on numerous medical topics and use your expertise of pharmacy to create the greatest possible dosage form so that the public may get high-quality medications.
- **PSO2: Public's health :**
To improve the public's health and well-being, provide patient-centered, efficient therapies to address therapeutic concerns with the necessary medications, and describe the impacts of the pharmaceuticals by examining the scientific literature.

Courses	Duration	Intake
D.Pharm	2 Year	60
B.Pharm	4 Year	100
D2D (B.Pharm)	3 Year	-

MESSAGE FROM PRINCIPAL



Dr. Parulaben Patel

It gives me immense pleasure to introduce the first edition of the e-newsletter "PHARMA PULSE" for the academic year 2022-2023. It is my belief that Productivity is never an accident. It is always the result of a commitment to excellence, the intelligent planning, and focused effort. Our college is constantly harnessing in improving the skills of students with industry institute collaborations which are strengthened through exquisite seminars and prime guest lectures.

The current newsletter highlights the various activities that took place in the year July 2022 to June 2023. The intention of our Newsletter is to disseminate information about our institute and we hope that readers find it informative and useful. My heartfelt congratulations to the members of the editorial board, faculty members and especially to the vibrant students who are striving a lot for the release of the maiden issue of our Newsletter. We are thankful to the faculty and the staff of SOP for their valuable inputs. We encourage and support all the suggestions and feedback that will surely strengthen the further issues of our newsletter.

I am indeed highly thankful to the esteemed management for their continuous support in bringing out innovative ideas. Further endeavor of this Newsletter is to acquaint its readers with good knowledge from SOP.

Regards,

Dr. Parulaben patel

principal & professor,

school of pharmacy,

Rai University Ahmedabad

MESSAGE FROM CHIEF EDITOR



Ms. Jayalekshmi M.

Dear Readers,

With immense pleasure, I am presenting you all 'PHARMA PULSE' a Newsletter of academic year 2022-2023 from School of pharmacy, Rai University Ahmedabad. Our School of Pharmacy has been established with the purpose of delving into the heartbeat of academic pharmacy, providing a platform for aspiring pharmacists and faculty members to showcase their talents, perspectives, and contributions.

The primary objective of "PHARMA PULSE" is to document and disseminate the various activities, events, and accomplishments of both students and faculty members associated with the School of Pharmacy at Rai University, Ahmedabad.

I extend my heartfelt gratitude to Dr. Anil Tomar, Provost of Rai University, Ahmedabad, Dr. Parula Patel, Principal of the School of Pharmacy, Rai University, Ahmedabad and Dr. SanjeshKumar Rathi, HOD of School of Pharmacy, for their unwavering support and guidance. I am also grateful to my esteemed colleagues and our dear students for their encouragement and assistance in bringing this newsletter to fruition.

"PHARMA PULSE" aims to serve as a beacon of inspiration and knowledge, reflecting the vibrancy and dynamism of our academic community. We hope that through this platform, we can celebrate the achievements of our students and faculty members while fostering a spirit of collaboration and excellence.

Thank you for your continued support and enthusiasm.

Regards,

Ms. Jayalekshmi M.

Assistant Professor

school of pharmacy,

Rai University Ahmedabad

GUEST LECTURES

School of pharmacy has organized a Guest lecture in college premise on 1st August 2022 on the topic pharmaceutical development pathway-industry and academics by Mr. Ronak Patel Sr. Research Scientist Formulation Development Emcure Pharmaceutical Ltd., Ahmedabad, India.



Rai University
EVOLVING THINKING WAYS
A LEADING RESEARCH DRIVEN UNIVERSITY

SCHOOL OF PHARMACY

Guest Lecture
on
Pharmaceutical Product Development Pathway-Industry & Academic Perspective

Speaker
Mr. Ronak Patel
Sr. Research Scientist, Formulation Development
Emcure Pharmaceutical Ltd.
Ahmedabad, India.

AUG 23 | 10:30 AM
2022

Organized by :
School of Pharmacy & Rai School of Sciences,
Rai University, Ahmedabad.

www.raiversity.edu

Guest Lecture on
Current Scenario of Pharmacovigilance in Pharmacy



MAY 18, 2023
@ Seminar Hall, Rai University

Speaker
Mr. Saravanan M
General Manager,
Regulatory Affairs & Pharmacovigilance,
Concord Biotech Ltd.

Organized by :
School of Pharmacy
Rai University, Ahmedabad.

www.raiversity.edu

Guest lecture on 18th may 2023 on the topic of current scenario of pharmacovigilance in pharmacy by Mr. Saravanan M. (General Manager, regulatory Affairs & Pharmacovigilance, Concord Biotech Ltd.).

BLOOD DONATION CAMP

26th August 2022

 **Rai University**



The Blood Donation Camp, organized by school of pharmacy, was held on 26th august 2022 at Rai University, Ahmedabad]. The primary objective of the camp was to encourage voluntary blood donation and contribute to the noble cause of saving lives.



Every Drop of Blood is a Gift of Life...

Blood Donation Camp 2022
A Blood Donation Drive and Thalassemia Test

26th August, 2022
Rai University, Ahmedabad

There is no great joy than saving a soul !

For Registration



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Follow us on:
   

The camp witnessed a significant turnout, with 35 individuals volunteering to donate blood. This included students, faculty members, staff, and members of the local community.

The Blood Donation Camp commenced with donor registration, followed by thorough medical screening to ensure eligibility. Eligible donors then proceeded to donate blood under the supervision of trained phlebotomists. Post-donation, donors received refreshments and rest. The camp yielded 35 units of blood, essential for supporting patients in surgeries, medical conditions, and accidents. Its success underscores the community's commitment to saving lives through voluntary blood donation.

WORLD PHARMACIST DAY

25th September 2022

The School of Pharmacy at Rai University celebrated World Pharmacist Day on September 25th 2022, with great enthusiasm. Dr. Viranchi Shah delivered a keynote speech, highlighting the theme "Pharmacy United in action for a healthier world."

The Pharmacist's Oath was collectively recited by students and faculty to underscore their commitment to society's health.

Various events including Poster

Presentation, Pharma Model, Marketing, Rangoli, and Canvas competitions were organized, showcasing students' talent and dedication. Competitions covered topics such as disease management, pharmaceutical advancements, and the pharmacist's role in community health. Over 150 students participated from B. Pharm and D. Pharm programs. The event was sponsored by Lab Mate and co-sponsored by EVOLVE and ANA CHEM. These celebrations aimed to raise awareness about the pharmacist's pivotal role in community healthcare, fostering a sense of duty and responsibility among students towards public health.



Celebrating

WORLD PHARMACIST DAY 2022

**PHARMACY
UNITED IN ACTION
FOR A HEALTHIER WORLD**

23rd September 2022



Faculty Coordinator

Jankhana Baraiya 9099556645
Jyoti Verma 9016793490

Event for Participation

1. Poster Presentation
2. Pharma Modeling
3. Pharma Marketing
4. Pharma Canvas
5. Rangoli Competition

For Registration:

<https://bit.ly/3K9u2d8>

Registration is Free But Mandatory
Attractive Prizes for Winner

Last date of Registration: 18th September 2022



Scan This QR Code
for Registration

Organized by:

School of Pharmacy Rai University, Ahmedabad.

www.raiversity.edu



NATIONAL PHARMACY EDUCATION DAY

Awareness Programme

06th March 2023

The school of pharmacy has conducted National Pharmacy Education Day the School of Pharmacy Rai University organized an awareness camp and rally to stop misuse of Narcotic and psychotropic drugs on 6th March 2023 in Saroda village.

Pharma Rally and health Camp came out as a bright Opportunity to reach out to general public and make them aware about the Pharmacy Profession, Role of Pharmacist in

Healthcare, Medicare, Drug Discovery, safe use of Drugs and importance of cleanliness and general hygiene. Around 200 students of D. Pharma and B. Pharm and Faculty Members joined the initiative. Rai College of pharmacy and Rai University conducted free health check-up. In the camp villagers took benefit of the free health camp that included BMI Check, Blood Sugar Monitoring, Blood Pressure monitoring, Blood Oxygen monitoring and eye checkup. Students of first year B. Pharm. performed one drama based on theme: stop misuse of Narcotic and psychotropic drugs



INDUSTRIAL VISITS

Laboratory visit-2022 to Gujarat laboratory Pvt Ltd

Date: Monday, 17th October 2022

Venue: Gujarat Laboratory Pvt. Ltd, F16 Madhavpura, Police Commissioner Office

Organized by: School of Pharmacy, Rai University

Participants: 39 students, 2 faculties

The visit to Gujarat Laboratory Pvt. Ltd was organized by the School of Pharmacy, Rai University with the aim of providing students with an opportunity to interact with the pharmaceutical industry and gain insights into the different departments and processes involved in pharmaceutical manufacturing, with a focus on novel approaches.

They toured laboratories for microbiology, formulation, and nutrition testing, gaining practical insights. A virtual tour showcased departmental functions. Interacting with personnel including lab staff and department heads offered valuable industry perspectives. Guided visits to diverse labs, such as Microbiology, Quality Control, and Water Testing, deepened understanding of operational processes. This hands-on experience enriched students' comprehension of pharmaceutical manufacturing and quality assurance practices, fostering a holistic view of the industry in just one day.

The visit to Gujarat Laboratory Pvt. Ltd provided students with a valuable opportunity to gain practical exposure to the pharmaceutical industry. By interacting with professionals and witnessing the various departments and processes firsthand, the students were able to enhance their understanding of pharmaceutical manufacturing and develop insights into novel approaches in the field.



INDUSTRIAL VISITS

Industrial Visits Organized at Sruzam Labs Pvt Ltd

Date: 28th & 29th April 2023

Venue: Sruzam Labs Pvt Ltd

Organized by: School of Pharmacy, Rai University

Participants: 69 students, 4 faculties

The primary aim of the industrial visit was to provide students with an understanding of industry work profiles and to bridge the gap between theoretical knowledge and practical application. The industrial visit was an enriching experience, offering attendees valuable insights into innovation and business growth strategies. Director Mr. Himanshu Makhani shared invaluable insights, guiding attendees on identifying challenges and devising effective solutions.

Students explored production units for Liquid, Oral, and Topical Dosage Forms, gaining insight into pharmaceutical manufacturing. Quality Control Labs showcased testing procedures and SOPs, enriching understanding of quality assurance. Learning about industry technology trends empowered students in career decision-making. An MOU signing with Sruzam Labs Pvt Ltd aimed to bolster students' future prospects through training, job opportunities, and collaborative projects.

This industrial visit facilitated a bridge between theoretical knowledge and real-world application, preparing students for future careers in the pharmaceutical industry.



STUDENT ACHIEVEMENTS



Sohel Mallick

B. Pharm 6th Semester

23-09-2022

- Participated and secured 1st prize on world pharmacist day 2022, pharma marketing competition organized by rai university Ahmedabad
- Participated and secured 2nd prize on world pharmacist day 2022, poster presentation competition organized by Rai University Ahmedabad



Virwa Thakor

B. Pharm 6th Semester

5 & 6-5-2023

- Participated and won best idea award in SYMBICLAVE-2023.



STUDENT ACHIEVEMENTS



Swami Sumit

B. Pharm 6th Semester

5 & 6-5-2023

- Participated and won best idea award in SYMBICLAVE-2023

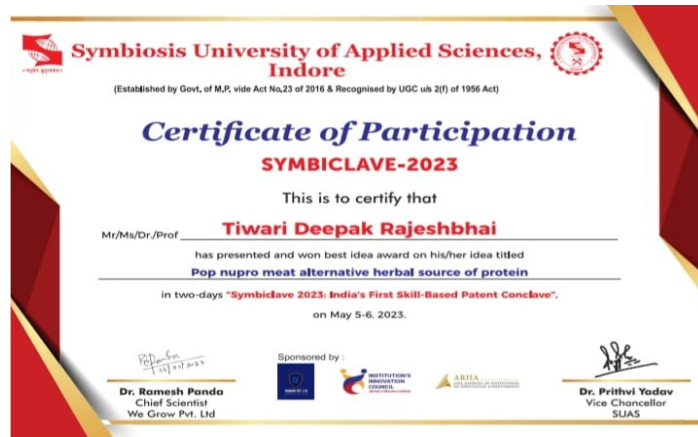


Tiwari Deepak R

B. Pharm 6th Semester

5 & 6-5-2023

- Participated and won best idea award in SYMBICLAVE-2023.



STUDENT ACHIEVEMENTS



Kuldeep kushwaha
B. Pharm 6th Semester

5 & 6-5-2023

- Participated and won best idea award in SYMBICLAVE-2023.



Druv Patel
B. Pharm 6th Semester

5 & 6-5-2023

- Participated and won best idea award in SYMBICLAVE-2023



FACULTY ACHIEVEMENTS

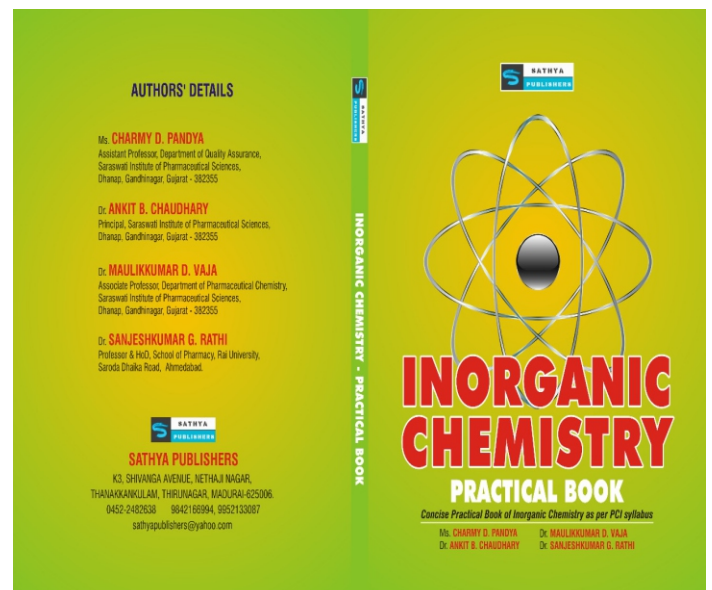
Research Publications

S. No	Name of the Faculty	Title	Name of the Publication Journal
1	Ms.Vamakshi Thaker*, Ms. Jyoti Verma, Ms. Suchita Waghmare, Mr. Navinraj Mourya	Formulation and Evaluation of Rapidly Dissolving Film containing Anti-histaminic drugs (Levocetirizine dihydrochloride)	Journal For Basic Sciences
2	Mr. Sundeep Rajput*, Dr. Sanjesh Rathi, Ms. Bhoomi Patel, Mr. Yash Patel	Formulation And Evaluation of Rectal Insitu Gel of Phenylephrine For Treatment of Hemorrhoids	Journal For Basic Sciences
3	Mr. Sundeep Rajput*, Dr. Sanjesh Rathi, Ms. Bhoomi Patel, Mr. Yash Patel	Formulation And Evaluation of Rectal Insitu Gel of Phenylephrine For Treatment Of Hemorrhoids	Journal For Basic Sciences
4	Mr. Sundeep Rajput*, Dr. Sanjesh Rathi, Ms. Bhoomi Patel, Mr. Yash Patel	Formulation And Evaluation of Rectal Insitu Gel of Phenylephrine For Treatment of Hemorrhoids	Journal For Basic Sciences
5	Mr. Sundeep Rajput*, Dr. Sanjesh Rathi, Ms. Bhoomi Patel, Mr. Yash Patel	Formulation And Evaluation of Rectal Insitu Gel of Phenylephrine For Treatment of Hemorrhoids	International Journal of Biology, Pharmacy and Allied sciences
6	Dr. SanjeshKumar Rathi	Development And Validation of Stability Indicating Assay Development For Enzalutamide In Standard And Dosage Form By Rp-Hplc Method	Journal For Basic Sciences

FACULTY ACHIEVEMENTS

Book Publications

S. No	Name of the Faculty	Title	Publisher
1	Ms. Vamakshi Thakkar	Formulation & Depiction of Clotrimazole Micro emulsion for Tropical Drug	Lambert Academic publisher
2	Dr. SanjeshKumar G Rathi	Inorganic Chemistry	Sathya publisher
3	Dr. SanjeshKumar G Rathi	New Concept in Clinical Pharmacy	S. Vikas & Company (Medical Publishers), PV BOOKS
4	Dr. SanjeshKumar G Rathi	Practical Book of Pharmaceutical Microbiology	Sathya Publication



FACULTY ACHIEVEMENTS

Patents

S. No	Name of the Faculty	Title	Publisher
1	Dr. SanjeshKumar G Rathi	A Novel Sustainable Water Purification Device with TDS Measuring Display And Controller	Design South African patent
2	Dr SanjeshKumar G Rathi, Ms. Bhoomi Patel, Ms. Jankhana Baraiya	IoT based In-house Hydroponic System for Medicinal Tanacetum Parthenium	Design German Patent
3	Dr. SanjeshKumar G Rathi	A Novel Sustainable Water Purification Device with TDS Measuring Display And Controller	Design Indian patent
4	Dr. SanjeshKumar G Rathi, Ms. Jankhana Baraiya, Mrs. Jyoti Verma	Polyherbal spray for wound healing	Design Indian patent
5	Dr. SanjeshKumar G Rathi	Portable Multilayer Tablet Punching Machine	Design Indian patent
6	Ms. Jankhana Baraiya	IoT Based Langendroff Thermostate Controller Apparatus	Design Indian patent



SH-144, Village - Saroda, Taluka - Dholka, Dist. - Ahmedabad-382260 Gujarat (India).

E-mail : info@raiuniversity.edu | Web : www.raiuniversity.edu

Mobile : +91 8980004325

