



# VIPS

## Rx Magazine

EDITION-1



Technology in Hand, Healing in Mind: Transforming Pharma Together

### INNOVATE

Bring fresh ideas to life with cutting edge research.

### IMPACT

Make meaningful contributions to global health.

### INSPIRE

Set a standard for others to follow in healthcare.

VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES  
Nidigatla Road, Near Airport, Rajahmundry,  
[www.vips.global](http://www.vips.global)



# INSIDE THIS EDITION

1

PHARMACIST OATH

---

2

DIRECTORS NOTE

---

3

SECRETARY NOTE

---

4

PRINCIPAL NOTE

---

5

VICE-PRINCIPAL'S NOTE

---

6

MAGAZINE SECRETARY

6

7

8

9

10

12



*Click on any topic to navigate seamlessly*

# INSIDE THIS EDITION

7

**STRENGTH OF VIPS**

---

13

8

**IPA-SF MENTORS NOTE  
( 2024-2025 )**

---

25

9

**IPA-SF STUDENT COUNCIL  
( 2024-2025 )**

---

26

10

**VIKAS IPA-SF NEWS**

---

36

11

**VIKAS EVENTS**

---

54

12

**STUDENT ACHIEVEMENTS**

102



*Click on any topic to navigate seamlessly*

# INSIDE THIS EDITION

13

STUDENT EXPERIENCES

---

108

14

FACULTY SPOTLIGHT

---

111

15

ALUMNI SPEAK

---

116

16

ALUMNI ACHEIVEMENTS

---

121

17

CLASS TOPPERS  
( 2024-2025 )

---

124

18

ARTICLES

130



*Click on any topic to navigate seamlessly*

# INSIDE THIS EDITION

19

ART WORK

---

138

20

TEST YOUR IQ

---

143

21

CLINICAL PHARMACY  
NEWS LETTER

---

146

22

CLASS PHOTOS

---

154

23

PHARMA NEWS AND TRENDS

160



*Click on any topic to navigate  
seamlessly*

# PHARMACY OATH

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

**I shall uphold the laws and standards governing my profession.**

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

**I shall follow the system which I consider best for pharmaceutical care and counselling of patients.**

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

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

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

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

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

# FROM THE LEADERS CHAIR

DIRECTOR - DR.T.V.NARAYANA

Dear Esteemed Readers,

It is with great joy and excitement that I am happy to share with you that the very first edition of our college magazine is coming out in April 2025. This publication represents more than just an academic year & a vibrant celebration of the spirit and achievements of the VIPS Family. Every page reflects the dedication, hard work, and creativity of our students, faculty, and staff, who together create an environment of growth and excellence.

As we stand at the threshold of this new tradition, I am reminding that education is not only about knowledge but also about fostering a sense of community, nurturing talent, and encouraging each other to reach new heights. This magazine is a beautiful testament to those values, highlighting the diverse accomplishments and the unique journey of every individual who is a part of the VIPS Family.

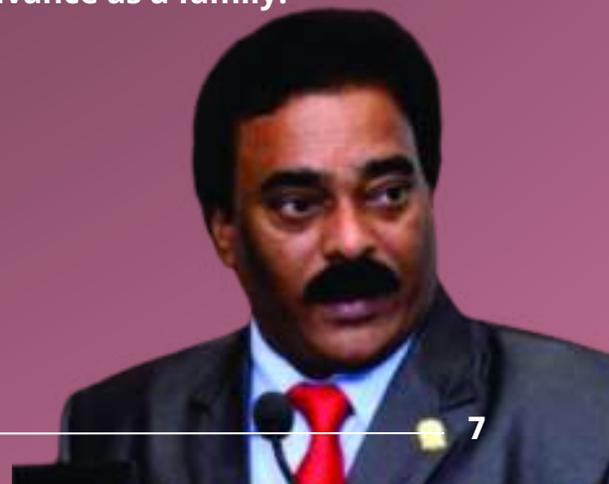
Our recent achievement of the NAAC accreditation with A Grade is a monumental milestone that further solidifies our commitment in providing quality education and a holistic learning experience. This accomplishment is a result of collective effort.

I would like to take a moment to appreciate the incredible contributions of the VIPS-SF (Student's Forum) for their remarkable work in creating this magazine. Their enthusiasm, creativity, and collaboration have truly brought this publication to life, and their efforts have set the stage for what will undoubtedly become a cherished tradition.

As you read through the stories, achievements, and creative pieces in this magazine, I encourage you to take pride in being part of such a dynamic institution. The journey of knowledge, compassion, and innovation is ongoing, and each of you plays a vital role in shaping its future. My heartfelt congratulations to all the contributors, the editorial team, and every individual who have played a part in bringing this magazine to fruition.

Let the Editorial Board move forward with the same passion and commitment, upholding the core values of integrity, excellence, and service and advance as a family.

With warm regards,  
Dr. T.V. Narayana  
Director  
Vikas Institute of Pharmaceutical Sciences



# FROM THE DESK OF EXCELLENCE

SECRETARY - DR.T.BHARATH VIKAS

Dear VIPS Family ,

I am honored and delighted to present to you the very first edition of our college magazine. This magazine is a wonderful reflection of the vibrant energy, creativity and hard work that defines the VIPS Family. It encapsulates the passion and commitment of our students, faculty and staff to showcase the collective effort that propels Vikas Institute of Pharmaceutical Sciences towards new horizons of excellence.

As a community, we are deeply committed to providing an education that is not just academic but also holistic, nurturing the character and leadership potential of each individual.

This magazine captures those very ideas which highlights the diverse achievements of our students in both academic and extracurricular realms. Their stories inspire us to aim higher, work harder and support one another in this shared journey of growth.

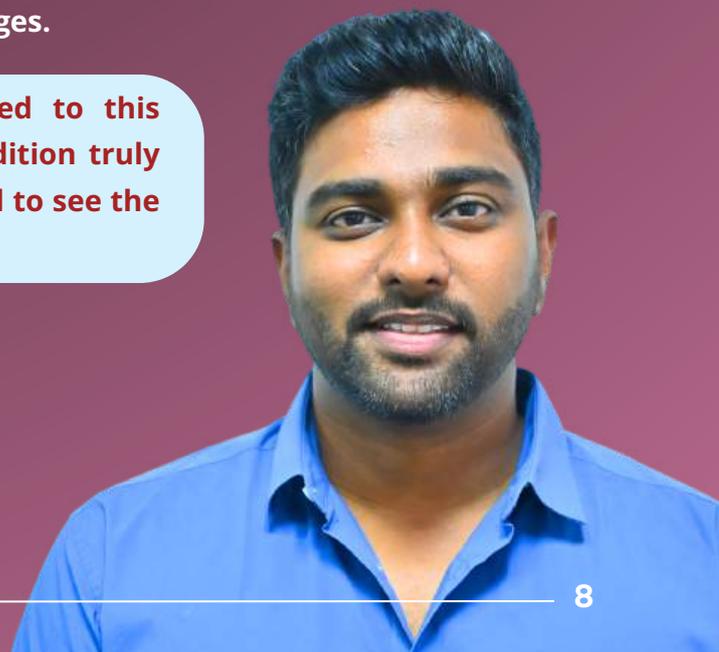
One of the proudest moments for us was receiving the esteemed "NAAC A" accreditation, a testament to our continued dedication to providing the highest standard of education and fostering a culture of academic excellence. This recognition reflects the hard work and vision of the entire VIPS Family and gives us motivation to continue our pursuit of excellence.

I would like to extend my heartfelt appreciation to the Vikas SF (Student's Forum) for their exceptional contributions in bringing this magazine to life. Their creativity, leadership and commitment have made this publication a reality and I am excited to see how they will continue to shape the future of this in the upcoming years.

As you delve into the pages of this magazine, I hope you find inspiration in the stories of success, perseverance and innovation that fill these pages.

**My deepest wishes to everyone who has contributed to this magazine—your hard work has made this inaugural edition truly special. I look forward to the future of this tradition and to see the continued success of our VIPS Family.**

With warm regards,  
Dr. T. Bharath Vikas



# FROM THE VISIONARY LENS

PRINCIPAL - DR.G.SUMALATHA

Dear Readers,

It is with immense pride and heartfelt joy that I welcome you to the first edition of our college magazine. This magazine is not just a collection of pages but a celebration of the journey, achievements, and aspirations of the entire Vikas Institute of Pharmaceutical Sciences (VIPS) Family. At Vikas Institute of Pharmaceutical Sciences, we believe that every member of our family—students, faculty, staff, alumni and parents plays a vital role in shaping the vibrant spirit of our institution.

The field of pharmacy is a noble pursuit, and as members of the VIPS Family, we are bound by a shared mission to enhance lives through knowledge, compassion, and innovation. This inaugural edition reflects the dynamic and holistic environment we strive to create, showcasing the brilliance and creativity of our students and the unwavering dedication of our faculty.

Achieving NAAC A Accreditation is a proud milestone for VIPS, showcasing our commitment to excellence in education, research, and community service. Beyond academics, we shine in initiatives like IIC for innovation, ARIIA for fostering an innovation culture, and UBA for rural development.

Innovation Ambassador Program, driving transformative ideas; Drug Testing Centre, ensuring pharmaceutical quality; and CPCSEA, upholding ethical research practices. We also take immense pride in the Honorary Positions held by distinguished members of the IPA Rajahmundry Local Branch.

Including IPA Past President Dr. T.V. Narayana, IPA Vice President-Mrs. Manjiri Gharat, IPA Chairperson (Educational Division) Dr. G. Sumalatha, IPA Educational Division Secretary - Dr. T. Bharat Vikas, and IPA Educational Division Members P. Vasu Babu, Dr. D. Srinivasa Sastry, and Dr. T. Satish Kumar.

**As you turn the pages of this magazine, you will encounter the spirit of the VIPS Family through their stories, achievements, and aspirations.**

To everyone who made this magazine possible—our editorial team, contributors, and supporters. Here's to the start of a beautiful tradition for the VIPS Family!!!—Thank you for your dedication and effort.

Warm regards,  
Dr. G. Sumalatha



# INSIGHTS FROM THE VICE PRINCIPAL

DR.S.MURALIDHAR

I, Prof. Dr. S. Muralidhar, am working as the Vice Principal and Head of the Department of Pharmaceutics. It is with great pride that I share my experience with VIPS. I have 30 years of extensive experience in academics and research.

I began my journey as a lecturer, and over the years, I have held several esteemed positions. My long association with our beloved Director, Dr. T. V. Narayana Sir, has been instrumental in my professional growth.

VIPS is an institution that has consistently upheld excellence in pharmaceutical education and research. We are dedicated to shaping future pharmacists who are not only knowledgeable but also compassionate professionals committed to improving global health.

At VIPS, we emphasize a holistic approach to learning, combining rigorous academic training with practical exposure. Our state-of-the-art facilities create an enriching environment that fosters intellectual and personal growth. Our well-equipped laboratories, classrooms, and extensive library provide students with the necessary resources to build a strong foundation in pharmaceutical sciences.

Beyond academics, we encourage extracurricular activities, research opportunities, and industry collaborations, ensuring that our graduates become well-rounded professionals ready to tackle real-world challenges.

I am delighted to learn about the release of the first magazine of VIPS, published by IPA-SF VIKAS CHAPTER, Rajahmundry, for the academic year 2024-25. I would like to express my deep gratitude to the editorial board and supporting staff for their constant support and dedication in bringing this magazine to life.

**As you explore the pages of this magazine, you will witness the dedication, passion, and accomplishments that define the VIPS family.**

With warm regards,  
Dr. S. Muralidhar,  
B. Pharm ( B. L) M.Pharm M. Phil, Ph.D, F.I.C. , ISTE  
Professor & HOD  
Department of Pharmaceutics



# THE VICE PRINCIPAL'S CORNER

MR.P.VASUBABU

As the Vice Principal of Vikas Institute of Pharmaceutical Sciences, I am honored to be part of an institution that is dedicated to providing an exceptional educational experience for its students.

Our college is a nurturing environment where both academic excellence and personal growth are prioritized, creating a holistic approach to education.

The faculty at Vikas Institute of Pharmaceutical Sciences, is highly skilled, committed, and passionate about their subjects, ensuring that students receive quality education that prepares them for success in their future careers.

Our curriculum is designed to challenge and inspire, while also allowing for creativity and critical thinking. We continually update our programs to align with current industry trends and emerging technologies, ensuring that our students are well-prepared for the changing demands of the workforce. One of the standout features of our college is our commitment to fostering a supportive and inclusive campus culture.

We believe that every student should have the opportunity to succeed, and our faculty and staff work tirelessly to provide individualized support, whether it's academic assistance, career guidance, or personal mentorship. Beyond academics, we offer a wide range of extracurricular activities that encourage students to explore their passions, develop leadership skills, and engage in community service. Our state-of-the-art facilities, modern classrooms, and dedicated spaces for research and innovation create an inspiring atmosphere for learning.

At Vikas Institute of Pharmaceutical Sciences, we pride ourselves on creating an environment where students not only excel academically but also develop the skills and values that will serve them for a lifetime. I am confident that our college will continue to empower students to achieve their dreams and contribute positively to society

**As you explore the pages of this magazine, you will witness the dedication, passion, and accomplishments that define the VIPS family.**

With warm regards,  
Mr.P.Vasubabu



# MAGAZINE SECRETARY

As the editor and the magazine secretary of the IPA-SF TEAM , it is my pleasure to present the collective efforts of the IPASF team.

**Ramya. K**  
M. Pharm(Ph.D), PGDCAQM  
Associate Professor  
Department of Pharmaceutics  
Vikas Institute of Pharmaceutical Sciences



It is with immense pride and a deep sense of responsibility that I present this edition of our college magazine, a curated tapestry of the milestones, events, and achievements that have defined our journey over the past year.

This magazine is not merely a collection of reports; it is a testament to the vibrant spirit, intellectual curiosity, and boundless creativity that embodies our institution.

From academic accomplishments to cultural celebrations, from outreach initiatives to research endeavors, this magazine captures the essence of our collective endeavors, serving as both a chronicle of the past and a beacon for the future.

The process of creating this magazine was both rigorous and rewarding. It involved gathering insights, weaving narratives, and presenting them in a way that not only informs but also inspires. I owe a debt of gratitude to my team, whose meticulous efforts and unwavering commitment have made this publication possible. I also extend my heartfelt thanks to the students, faculty, and staff who contributed their stories, ideas, and perspectives, enriching the content with their unique voices.

Every article, photograph, and anecdote within these pages carries the heartbeat of a community driven by a shared vision of excellence.

As you turn these pages, I hope you feel a sense of connection to the vibrant community that we are privileged to be part of.

In closing, I invite you to immerse yourself in these pages, to celebrate our achievements, and to be inspired by the extraordinary people and stories that define our institution. May this publication ignite a renewed sense of pride and motivation as we stride confidently into the future.



APRIL 2024-APRIL 2025



# **STRENGTH OF VIPS**



APRIL 2024-APRIL 2025



# DEPARTMENT OF PHARMACEUTICS



**Dr.S.Muralidhar**  
HOD



**Mrs.K.Ramya**  
Associate Professor



**Mrs.M.Anantha Lakshmi**  
Associate Professor



**Mrs. Ch. Sandhya Rani**  
Assistant Professor



**Mrs.M.Harika**  
Assistant Professor



**Mr.T.Adi Narayana**  
Assistant Professor

# DEPARTMENT OF PHARMACEUTICS



Mr.M.Nagendra  
Assistant Professor



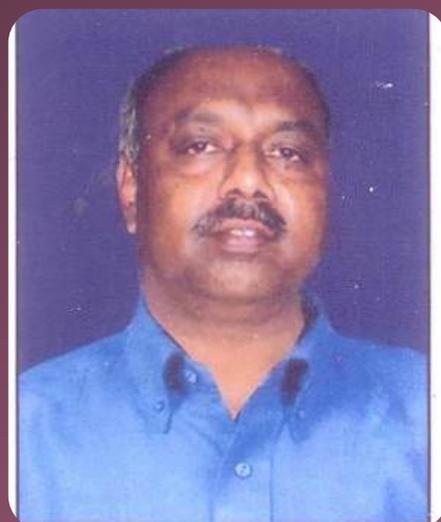
Mr.B.Srinivasa Reddy  
Assistant Professor



Ms.K.L.Chaitanya  
Assistant Professor



Mrs.T.Jyothi  
Assistant Professor



Mr.P.Madhusudhana Rao  
Assistant Professor

# DEPARTMENT OF ANALYSIS



**Dr. B. Madhu Harika**  
HOD



**Mr. P. Vasu Babu**  
Associate professor



**Mrs. E. Aruna Kumari**  
Assistant Professor

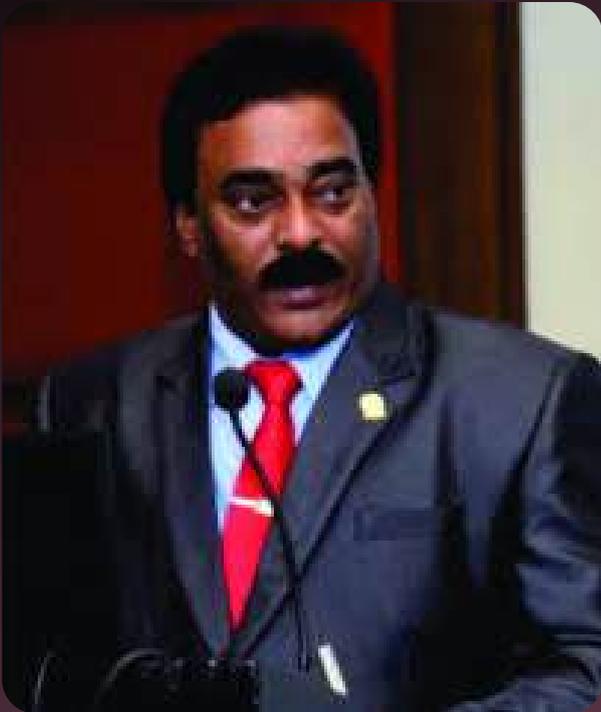


**K Leela Bhaskar Sir**  
Assistant Professor

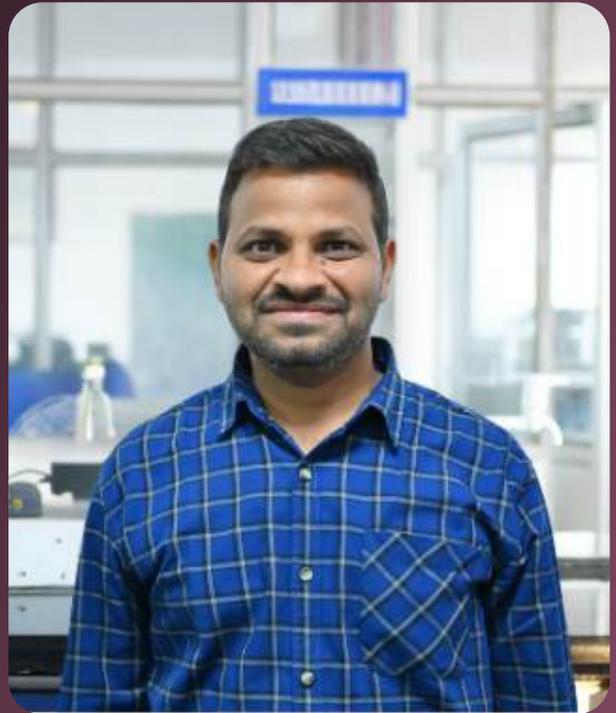


**Chikkala Sri Pavan Kumar**  
Assistant Professor

# DEPARTMENT OF PHARMACOLOGY



**Dr.T.V.Narayana**  
HOD



**Mr.M.Madhu Babu**  
Associate Professor



**P.Phaneendra**  
Associate Professor



**Mrs.M.Rajasri**  
Associate Professor

# DEPARTMENT OF PHARMACY PRACTICE



Dr.G.Sumalatha  
HOD



Dr. Karthik Rakam  
Associate Professor



Mr.B.V.B.Balaji  
Associate Professor



Dr Ch P S R Madhuri  
Assistant Professor



Dr.V.Sathish Kumar  
Associate Professor



Dr.T.Sai Swapna  
Assistant professor

# DEPARTMENT OF PHARMACY PRACTICE



Dr.M.Usha  
Assistant Professor



Dr.D Asha Jyothi  
Assistant Professor



Dr.P.N.R. Kumar Gowda  
Assistant Professor



Dr.U.Ramya sree  
Assistant Professor



Dr.K.Aditya Srinivas  
Assistant Professor



Dr.K.Dhanvardhan  
Assistant professor

# DEPARTMENT OF PHARMACY PRACTICE



Dr.C.H.Lalithya  
Assistant Professor



Dr.M.Kasi Jagadeswara Rao  
Assistant Professor

# DEPARTMENT OF HUMANITY



Mr.T.Uday Bhaskar  
HOD



Mr.J.V.Rajesh  
Associate Professor

# DEPARTMENT OF PHARMACOGNOSY



**Mr. E.Suresh Babu**  
**Associate Professor**

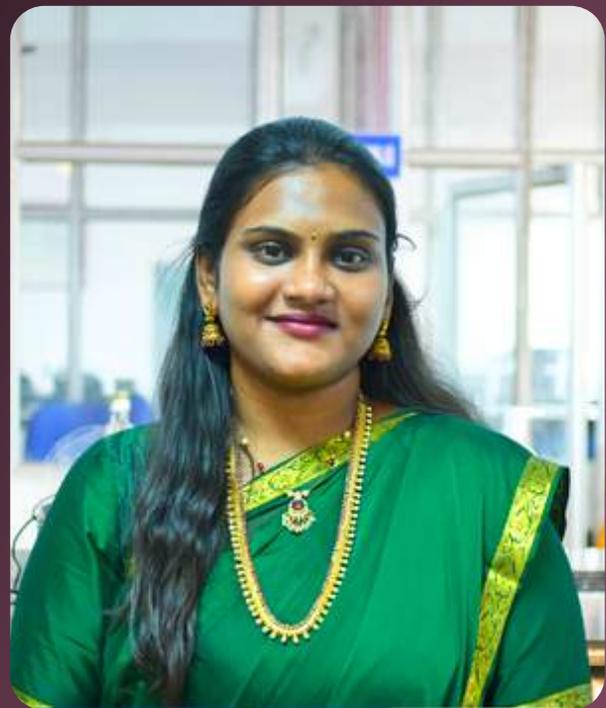


**Mrs.D.Mounika**  
**Assistant Professor**

# DEPARTMENT OF REGULATORY AFFAIRS



**Dr. D. Srinivasa Sastry**  
HOD



**Ms. I Amrutha Rajeswari**  
Assistant Professor



**Ms. Syed Taskeen Taj**  
Assistant Professor



**Mrs. K. P. S. Praneetha**  
Associate Professor

# DEPARTMENT OF PHARMACEUTICAL CHEMISTRY



Prof D Satyanarayana  
HOD



Mrs.P.Geetha Bhavani  
Associate Professor



I.S.R.paramesh  
Assistant Professor



Divya Karunakaram  
Assistant Professor

# SUPPORTING STAFF

S.No	Name	Designation
1	NV Anand kumar	Off Supdt
2	S. Venkateswarlu	Accountant
3	B. Satyaveni	Off Staff -II (SDA)
4	G Anusha	Off Staff -II (SDA)
5	V. Suryanarayana	Comp Oper
6	M. Rajasekhar	Stores i/c
7	N. Sekhar Babu	Librarian
8	T Vinay	Asst Librarian
9	T Kesava Srinivas	Lib Att
10	M Balakrishna	Lab Tech
11	Ch Priyanka	Lab. Tech
12	G.Mery	Lab. Tech
13	M Kishorekumar	Lab. Tech
14	B. Gangabhavani	Lab. Tech
15	G. Srinu	Lab.Asst
16	G. Sesharatnam	Lab.Asst
17	M. Mani	Lab.Asst
18	M V Ramana	Lab.Asst
19	P. Nookalamma	Lab Asst
20	B Estheru	Lab Asst
21	M. Pullamma	Lab Asst
22	U. Sarojini	Lab Asst
23	P.Nagamani	Lab Asst
24	A Bulliraju	Lab Asst
25	A.Murali Krishna	Lab Asst
26	B. Suryanarayana	Peon
27	G Durga Sagar	Peon
28	U.Abbulu & Team	Cont Cleaner
29	U.Srinu	Cleaner
30	U.Baby	Cleaner
31	U.Karuna	Cleaner
32	K. Srinu	Gardener
33	R. Prasad	Security
34	E Vijayaraju	Security

# IPA-SF MENTORS NOTE

Dear Readers,

It is with immense pride and gratitude that We address you as the Mentors of the Student Wing of Vikas Institute of Pharmaceutical Sciences. Our institution is not just a place of learning but a nurturing ground where dreams take flight, innovations are born, and leaders are forged.

The student wing serves as the heart of our college, channeling the energy and enthusiasm of our vibrant student community. This year, we embarked on several innovative and creative initiatives that you will discover across the pages of this magazine. Each endeavor reflects our commitment to excellence, growth, and meaningful contributions to our college and society.

As we look ahead, let us continue to strive for excellence, foster innovation, and uphold the spirit of collaboration. Together, we can turn every challenge into an opportunity and make a positive impact on the world.

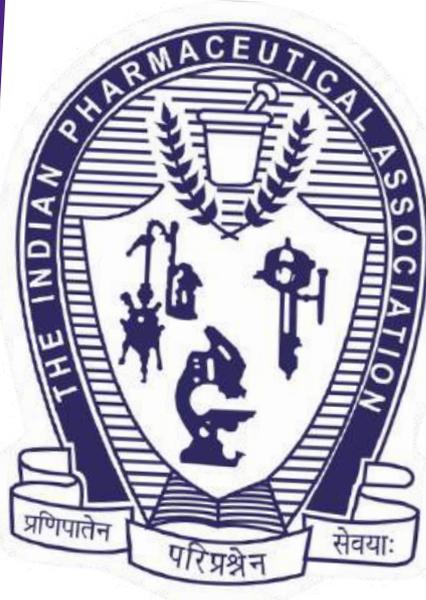
Let this magazine serve as a testament to our creativity, hard work, and unity. As we proudly present the 1st edition of our magazine, it symbolizes a new chapter in our journey.



Dr.T.Sai Swapna  
Assistant Professor



Dr.V.Satish Kumar  
Associate Professor



**IPA-SF**

Indian  
Pharmaceutical  
Association  
Students' Forum

**IPA-SF  
STUDENT COUNCIL**

**VIPS , Rajahmundry**

# VIKAS IPA-SF COUNCIL ( 2024-2025)



**Chair Person**  
Mr.M.V.A.N.Varun Sharma

**Vice-Chair Person**  
Mr.G.R.S.Sasikar

**Secretary**  
Ankita.V



**Contact Person & Treasurer**  
Mr.M.Anand Kishore

**Pharmacy Education Officer**  
Ch. Pooja Sri

**Public Health Officer**  
Y.Nikita



**Public Health Officer**  
Ch. Sharat

**Public Relations Officer**  
R.Tejaswi

**Public Relations Officer**  
K. Likitha

# VIKAS IPA-SF COUNCIL ( 2024-2025)



**Publication Head**  
Ms. Lohitha Poduri



**Publication Editor**  
J. Mahesh



**Publication Editor**  
R. Raviteja



**Publication Editor**  
A. Sameera



**Publication Editor**  
S. Satya Oliva



**Programme Executive Officer**  
Ch. Amrutha



**Student Exchange Officer**  
J. Abhilash

# LETTER FROM VIKAS IPA-SF COUNCIL ( 2024-2025)

Dear Readers,

It is with immense pride and gratitude that I address you as the Chairperson of the Student Wing of Vikas Institute of Pharmaceutical Sciences. Our institution is not just a place of learning but a nurturing ground where dreams take flight, innovations are born, and leaders are forged.

The student wing serves as the heart of our college, channeling the energy and enthusiasm of our vibrant student community. This year, we embarked on several innovative and creative initiatives that you will discover across the pages of this magazine. Each endeavor reflects our commitment to excellence, growth, and meaningful contributions to our college and society.

I would like to extend my heartfelt gratitude to our Director, Dr. T.V. Narayana, our Secretary, Dr. T. Bharat Vikas, and our Principal, Dr. G. Sumalatha, for their unwavering support and encouragement. A special thanks goes to our esteemed mentors, Dr V. Satish Kumar Sir and Dr T. Sai Swapna Ma'am, for their guidance and dedication in shaping the activities of the Student Wing.

As we look ahead, let us continue to strive for excellence, foster innovation, and uphold the spirit of collaboration. Together, we can turn every challenge into an opportunity and make a positive impact on the world.

Let this magazine serve as a testament to our creativity, hard work, and unity. As we proudly present the 1st edition of our magazine, it symbolizes a new chapter in our journey.

Chair Person

Mr.M.V.A.N.Varun Sharma



**Vice-Chair Person**  
**G.R.S.Sasikar**



Dear Readers,

It is an honor to connect with you through this magazine as the Vice-Chairperson of the Student Wing of Vikas Institute of Pharmaceutical Sciences. This magazine marks a significant milestone as it is the very first edition being released by our college, showcasing the creativity, talent, and dedication of our student community.

This year has been an extraordinary journey, filled with opportunities to learn, lead, and contribute to the vibrant culture of our college. Our Student Wing has taken bold steps to bring innovative and creative initiatives to life, many of which are highlighted in the pages ahead.

This would not have been possible without our team and the encouragement of our mentors, Dr V. Satish Kumar Sir, Dr.T.Sai Swapna Ma'am

and Mrs. Ch. Sandhya Rani mam, whose guidance has been instrumental in shaping our path.

I extend my heartfelt gratitude to our Director, Dr. T.V. Narayana; Our Secretary, Dr. T. Bharat Vikas; our Principal, Dr. G. Sumalatha; and my fellow team mates for their unwavering support.

As we celebrate this inaugural edition of our magazine, I feel immense pride in being part of the team that strives to make a positive impact.

Together, let us continue to uphold the values of our institution, foster innovation, and work towards the brighter future.

Enjoy this special edition, and here's to many more!



**Secretary**  
**Ankitha.V**

As a secretary of the VIPS - IPA-SF team , I play a pivotal role in ensuring smooth operations and effective communication within the chapter. We manage the meetings, maintain records, and coordinate activities aligned with IPA-SF's mission. . My collaborates with editorial teams to ensure publications align with IPA-SF's vision, featuring content on advancements in pharmaceutical sciences, public health initiatives, and professional development opportunities. I oversee timelines, ensure accuracy, and maintain high standards of quality in the production process. My leadership and organizational skills contribute significantly to promoting knowledge sharing and supporting the growth of future pharmacy professionals.

**Contact Person & Treasurer**  
**M.Anand Kishore**

As a contact person and treasurer for the VIPS-IPA-SF, it has been an eye-opener for me in developing my key leadership and organisational skills to work for the goals of the association. Maintaining communication with the members, keeping track of the financial side, and implementing operations was my double responsibility for that position. As treasurer, I managed the budget and other finance-related issues of several programs.

As a Member of VIPS IPA-SF, it helped me to improve my skills in terms of leadership, financial management, and communication.



**Pharmacy Education Officer**  
**Ch.Pooja Sri**



Being the PEO for the IPA-SF Vikas Chapter , Rajahmundry has been a transformative experience. Serving as the liaison among various IPASF student chapters, I have enjoyed the opportunity to engage with diverse groups, nurture collaboration, and facilitate the exchange of innovative ideas.

This role has pushed me beyond my comfort zone, requiring me to assume responsibilities and cultivate crucial skills such as teamwork, leadership, and adaptability. The experiences and connections I have made throughout this journey have had a profound impact on both my personal and professional development.

## Public Health Officer Ch.Sharat



Working with the VIPS IPA-SF team has truly been a transformative experience for me. By collaborating with talented and dedicated team members, I have contributed my video editing skills while deepening my understanding of public health. I've focused on learning from my past challenges and have successfully edited short clips and videos. Everyone on the team is communicative and supportive, making it easy to navigate our work together. I had the opportunity to learn from both my mentors and colleagues.

The team's passion and dedication have inspired me to think creatively and foster collaboration. Throughout this journey, I have acquired invaluable knowledge and leadership skills.

## Public Health Officer Y.Nikitha

As a Public Health officer of the VIPS IPA-SF, I play a role in collecting and curating student achievements and articles for the magazine. My responsibilities encompass documenting notable student accomplishments across academic, extracurricular, and personal domains; gathering insightful student-written content, including articles, essays, and creative pieces; and contributing to the publication's overall quality.

Furthermore, I actively collaborate with the team to support various organizational activities, ensuring the success of IPA-SF initiatives and fostering a vibrant and engaging community.



## Public Relations Officer R.Tejaswi



As the Public Relations Officer of the IPASF Vikas Chapter, I am dedicated to fostering effective communication and promoting the chapter's initiatives. My role involves managing media relations, organizing events, and building networks to enhance the chapter's public image.

I work to bridge the gap between the chapter and the community, ensuring our vision and activities are well-represented. By fostering partnerships and maintaining a positive perception, I strive to contribute to the chapter's growth and success.



## Public Relations Officer K.Likhitha

As the Public Relations Officer for the VIPS IPASF team, I had the privilege of acquiring invaluable experience and knowledge. My involvement with the team significantly broadened my understanding of the pharmacy field, while also enhancing my communication and collaboration skills.

One of the highlights of my experience was participating in the creation of our college magazine. This opportunity allowed me to develop my skills in content creation and teamwork, ultimately contributing to my personal and professional growth.

## Publication Team Head P.Lohita

As an editor of the VIPS IPASF team, I was responsible for collecting detailed reports of various events conducted by the organisation. I ensured the accuracy and completeness of the reports by reviewing and organizing them systematically. My role involved submitting these reports as evidence of the events' successful execution, maintaining high-quality standards, and contributing to the documentation process. This experience honed my skills in content review, organization, and teamwork, enabling me to effectively support the creation of a comprehensive and well-documented magazine.



## Publication Team Member J.Mahesh

Working with the Vikas-IPASF team as part of the publication editor team for the magazine has been an incredible experience. The team is highly collaborative, with each member bringing a unique perspective and expertise to the table. My role involved reviewing and refining content, ensuring that it met the editorial standards and aligned with the overall vision of the magazine. The process was both challenging and fulfilling, as it allowed me to work closely with talented writers and contribute to the publication's success. The team's open communication and commitment to quality fostered a positive and productive environment.



## Publication Team Member

**A.Sameera**



Working with the VIPS IPASF team for the magazine was an enriching and inspiring experience. I had the privilege of contributing to impactful stories and ideas that resonated with our readers. The team's dedication and attention to detail made the entire process seamless and rewarding. It was a journey of learning, growth, and teamwork, where every individual's input was valued. Collaborating with the team to provide accurate and concise medical information was a valuable learning experience. Their dedication to delivering high-quality content was impressive. I'm grateful for the opportunity to contribute to the magazine and support the team's mission.

## Publication Team Member

**R.Raviteja**

As part of the VIKAS - IPASF team as a publication editor, my experience has been incredibly enriching and fulfilling. Collaborating with a talented and dynamic group, I honed my skills in editing, content curation, and ensuring the magazine maintained high standards of quality. The role involved reviewing diverse articles, enhancing their readability, and aligning them with the magazine's vision.

It was inspiring to work with individuals who shared a passion for delivering impactful content. Overall, it taught me the importance of teamwork and attention to detail in producing an insightful publication.



## Publication Team Member

**S.Satya Oliva**



During my tenure as an Editorial Team Member of VIKAS IPASF, I had the opportunity to contribute to the content creation. This experience helped me develop my skills in communication and collaboration, and I was able to make meaningful contributions to the field of pharmacy.

Additionally, I attended various conferences hosted by the IPASF Vikas Chapter, which provided me with valuable learning experiences and opportunities to network with like-minded individuals. Working on the college magazine was a fantastic opportunity. I'm grateful for the experience and skills I gained through my involvement with IPASF.



## Program Executive Officer Ch.Amrutha

As the Program Executive Officer of the IPA-SF Vikas Student Chapter, I am committed to driving meaningful change and innovation within our academic community.

Through this role, we have successfully initiated several student-led projects and created valuable networking opportunities that foster leadership skills. My focus is on collaboration, ensuring initiatives align with larger goals and maintain quality and integrity throughout. By working with passionate peers, we create opportunities for growth, learning, and leadership. This role empowers me to contribute to something greater while growing both personally and professionally, leaving a lasting impact on the community.

## Student Exchange Officer A.Abhinash

As a Student Exchange Officer at VIKAS IPASF, I played a pivotal role in fostering collaboration and cultural exchange. My responsibilities included coordinating exchange programs, managing student applications, and ensuring seamless communication between partner institutions. I focused on creating opportunities for students to broaden their horizons by experiencing diverse academic environments.

This role enhanced my skills in organisation, communication, and cross-cultural understanding. Working closely with students and faculty from various backgrounds allowed me to develop a deeper appreciation for diversity and teamwork.







# WORLD LIVER DAY



## PROMOTING LIVER HEALTH IN MADHURAPUDI VILLAGE

On April 19, 2024, the IPA-SF Vikas Chapter students at Vikas Institute of Pharmaceutical Sciences (VIPS) have done the awareness on the World Liver Day in Madhurapudi village under the guidance of Dr. V. Satish Kumar and Dr. T. Sai Swapna.



The event featured a health camp offering free liver function tests, drug distribution, and an awareness campaign on liver health. Student volunteers played a key role in distributing medications, educational materials, and conducting interactive sessions to educate villagers on maintaining liver health and the importance of early detection. The initiative successfully raised awareness about liver wellness, provided essential medical support, and encouraged the community to adopt proactive health management practices.





**IPA-SF**

Indian  
Pharmaceutical  
Association  
Students' Forum

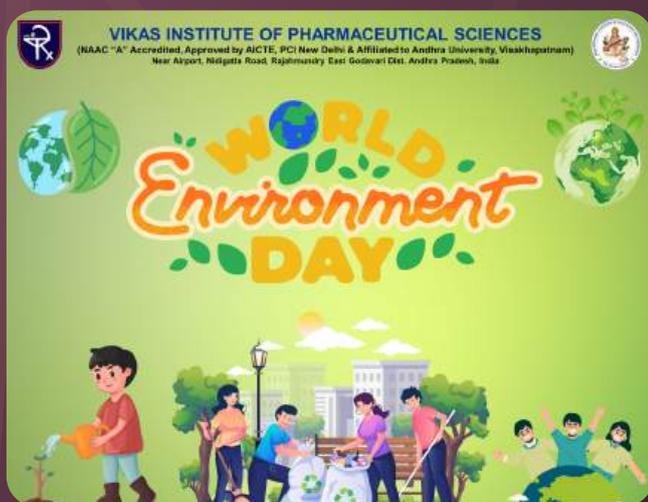
**Vikas Student Chapter**



**WORLD**

# ENVIRONMENT DAY

On June 5 2024, Vikas Institute of Pharmaceutical Sciences celebrated World Environment Day in association with the IPA Rajahmundry local branch on the theme of fostering a cleaner and greener environment. The event featured a variety of activities, including a campus cleaning drive, a classroom decoration project utilizing eco-friendly materials, and a plantation drive aimed at enhancing the campus greenery. Students actively participated, showcasing their dedication to sustainability and environmental stewardship. The day also included educational sessions on pressing environmental issues, encouraging awareness and action. The event successfully inspired eco-friendly practices for a healthier future.



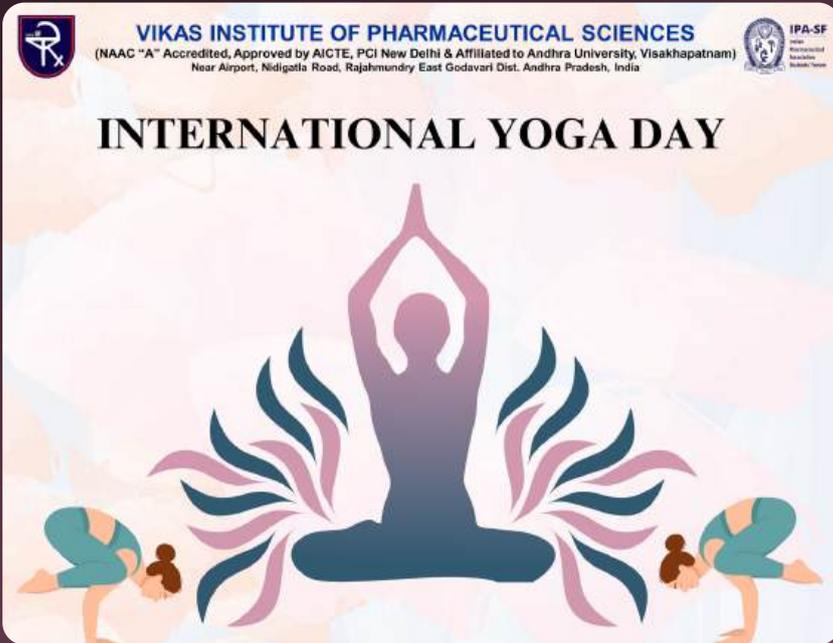
The Vikas IPA-SF (Indian Pharmaceutical Association – Students’ Forum) played a pivotal role in organizing and coordinating the event, highlighting its commitment to social and environmental causes. The institution reaffirmed its commitment to organizing such impactful events in the future to nurture a sense of environmental responsibility.



# INTERNATIONAL YOGA DAY 2024: EMBRACING WELLNESS THROUGH YOGA AT VIPS

On June 21, 2024, Vikas IPA-SF, in collaboration with the IPA Rajahmundry Local Branch and Vikas Institute of Pharmaceutical Sciences, enthusiastically celebrated International Yoga Day. The event was organized by Mrs. K. Ramya and Mr. P. Vasu Babu and witnessed active participation from staff members, including the Vice Principal, Dr. S. Muralidar, and Dr. D. Sri Lakshmi.

The program highlighted the importance of yoga in promoting physical and mental well-being through sessions on various yoga asanas and Surya Namaskaras. The celebration successfully emphasized the holistic benefits of yoga to integrate it into their daily lives.



Ankitha V. , the Secretary of Vikas IPA-SF did an excellent job in leading the yoga instruction for the entire college, effectively promoting the practice and encouraging participants to integrate it into their daily lives. The International Yoga Day celebration at VIPS was not just an event but a meaningful initiative aimed at inspiring lasting positive changes in the lives of everyone involved.



# RAISING AWARENESS: DRUG ABUSE & LONG TERM DISORDERS AT VIPS

On June 25, 2024, the IPA-SF Vikas Chapter students organized an Awareness Programme on Drug Abuse and Long-term Disorders at Vikas Institute of Pharmaceutical Sciences, under the guidance of Dr. V. Satish Kumar and the event aimed to educate the community about the dangers of drug abuse and its long-term effects.

The program included Art competition, poster presentation and the informative sessions on identifying signs of substance abuse, understanding the impacts of addiction, and preventive measures. The event successfully raised awareness, fostered understanding, and encouraged healthier lifestyle choices within the community.



# IPA-SF FORMATION DAY AT VIPS

## Celebrating 17 Years of Excellence

The IPA-SF Vikas Student Chapter celebrated the 17th IPASF Formation Day on 09th August 2024 at Vikas Institute of Pharmaceutical Sciences with great pride and enthusiasm. The event was honored by the presence of Mr. Sainath Chary Gannoji, Former President of the IPASF National Executive Committee (NEC) 2023, who served as the Chief Guest.

Mr. Sainath Chary Gannoji delivered an inspiring speech, recounting the history and achievements of the Indian Pharmaceutical Association (IPA) and the IPA-Students Forum (IPA-SF). He emphasized their vital role in advancing the pharmacy profession in India, motivating students to carry forward this legacy with dedication.

He emphasized their vital role in advancing the pharmacy profession in India, motivating students to carry forward this legacy with dedication. The event also witnessed the induction of new council members, who were encouraged to lead with commitment under the mentorship of Dr. V. Sathish Kumar , Dr. T. Sai Swapna and Our supporting Principal Dr. G. Sumalatha Mam.

**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
(NAAC "A" Accredited, Approved by AICTE, PCI New Delhi & Affiliated to Andhra University, Visakhapatnam)  
 Near Airport, Madhavu Road, Rajamahendravaram District, Andhra Pradesh, India

**17th IPA-SF FORMATION DAY 2024**

Theme - Catalysts for Change: Inspiring Leadership in the Next Generation of Pharmacists.

**Speaker : Mr.Sainath Chary Gannoji**  
 Former IPA-SF President NEC 2023

**MENTOR:**  
 Dr.V SATHISH KUMAR

Organized By  
 IPA-SF VIKAS STUDENT CHAPTER



# EMPOWERING COMMUNITIES GENERAL AWARENESS ON IMMUNIZATION AT VIPS

Vikas IPA-SF, in collaboration with the IPA Rajahmundry Local Branch and Vikas Institute of Pharmaceutical Sciences, organized a General Awareness on Immunization event on 24th August 2024 at Burugupudi, Rajahmundry, and the Mini Auditorium at VIPS.



The morning session commenced with a welcome address by Dr. V. Sathish Kumar and E. Aruna Kumari, highlighting the crucial role of immunization in public health. Faculty and seniors conducted discussions on how vaccines work and their benefits, drawing competition, followed by an interactive Q&A session addressing concerns raised by the villagers. Attendees received guidance on accessing local vaccination services and educational materials on immunization, despite no vaccinations being administered during the event.

In the afternoon, the IPASF Vikas Student Chapter organized a Leaflet Preparation Competition for 1st and 2nd B.Pharm and 4th Pharm.D students. Participants designed informative leaflets on immunization, and the best entries were awarded certificates by Vice Principal Dr. D. Sri Lakshmi.



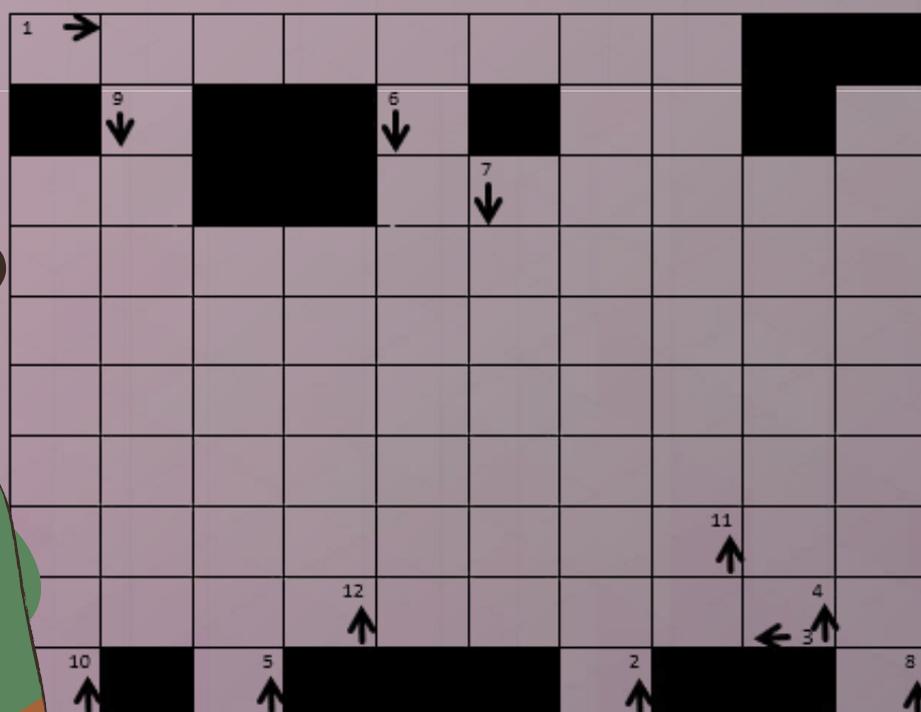
Burugupudi, Andhra Pradesh, India  
4RFJ+4WJ, Burugupudi, Andhra Pradesh 533292, India  
Lat 17.122827°  
Long 81.832883°  
24/08/24 10:36 AM GMT +05:30



# PAIN MANAGEMENT

Questions:

1. Drug which is the gold standard for the treatment of chronic pain.
2. An anti-convulsant drug which reduces neuronal excitability.
3. Drug alternative for the treatment of weak opioids (Step 2 option on the WHO Pain Ladder).
4. The drug which is commonly used as a non-opioid analgesic (Brand Name).
5. The drug which is also used as a cough suppressant.
6. The opioid analgesic influencing mood will cause \_\_\_\_ as a manifestation.
7. The drug that is neither an opioid, anti-inflammatory nor an antihistamine.
8. The drug is used in a dose of 0.2% as an obstetric analgesic (Anaesthetic).
9. The opioid drug which is used in the form of a transdermal patch.
10. The adjustment drug is used to control muscle spasticity in acute and chronic spinal cord injury.
11. An IV anesthetic drug that is used to treat neuropathic and burn-associated pain.
12. The adjuvant drug (SNRI) used for treating neuropathic pain (Brand Name).

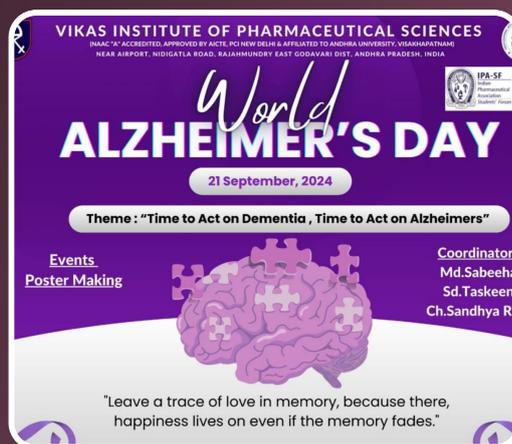


1. MORPHINE 2. GABAPENTIN 3. TRAMADOL 4. TYLENOL 5. CODEINE 6. EUPHORIA 7. NEFOPAM 8. LIDOCAINE 9. FENTANYL 10. BACLOFEN 11. KETAMINE 12. DALIUM

# Awareness on ALZHEIMERS

On September 21, 2024, the Vikas Institute of Pharmaceutical Sciences (VIPS), in collaboration with the IPASF (Indian Pharmaceutical Association Students' Forum), observed World Alzheimer's Day through a dynamic event aimed at raising awareness about Alzheimer's disease while fostering student creativity. The event, coordinated by M. Madhu Babu and E. Aruna Kumari, included a model-making competition where students showcased their knowledge of human body systems. The competition witnessed enthusiastic participation, with students presenting impressive models. Saranya and Sathya from 1st B.Pharmacy won first prize for their Cardiopulmonary Model, followed by Jyothi's Circulatory System model in second place, and Lavanya's Reproductive System model in third. Mr. Madhu Babu, Assistant Professor, delivered an insightful session on Alzheimer's disease, stressing the importance of raising awareness and understanding. The event was attended by VIPS faculty members, including Principal Dr. G. Sumalatha, Vice Principal Dr. S. Muralidhar, and Dr. D. Srilakshmi, who expressed their appreciation for the students' creativity and the IPASF team's organizational efforts.

The event successfully combined education, innovation, and community engagement, leaving a positive mark on the importance of Alzheimer's awareness and setting a precedent for future health-related initiatives.



# WORLD PHARMACIST DAY!



Vikas Institute of Pharmaceutical Sciences (VIPS), Rajahmundry, celebrated World Pharmacist Day 2024 with great enthusiasm on 25th September 2024, focusing on the theme "Pharmacist Role in Global Healthcare Needs." Coordinated by K. Ramya, Dr. T. Sai Swapna, and Dr. Madhuri, the event included various activities aimed at raising awareness and showcasing the contributions of pharmacists.

A video-making competition, led by the IPASF team, allowed students to creatively highlight the pivotal role of pharmacists in healthcare. The celebration also featured a rally through local villages and a medical camp at Madhurapudi, where proper medication use was emphasized, and free health screenings and counseling services were offered.

In the elocution contest, K. NirmalaReddy and J. Dilleswararao secured first and second prizes, respectively. The contest was judged by Mr. Uday Bhaskar and Dr. B. Madhu Harika, with the students' speeches reflecting their passion for global healthcare needs and the important role of pharmacists. This event successfully fostered community engagement, student creativity, and leadership, leaving a lasting impact on the role of pharmacists in healthcare.





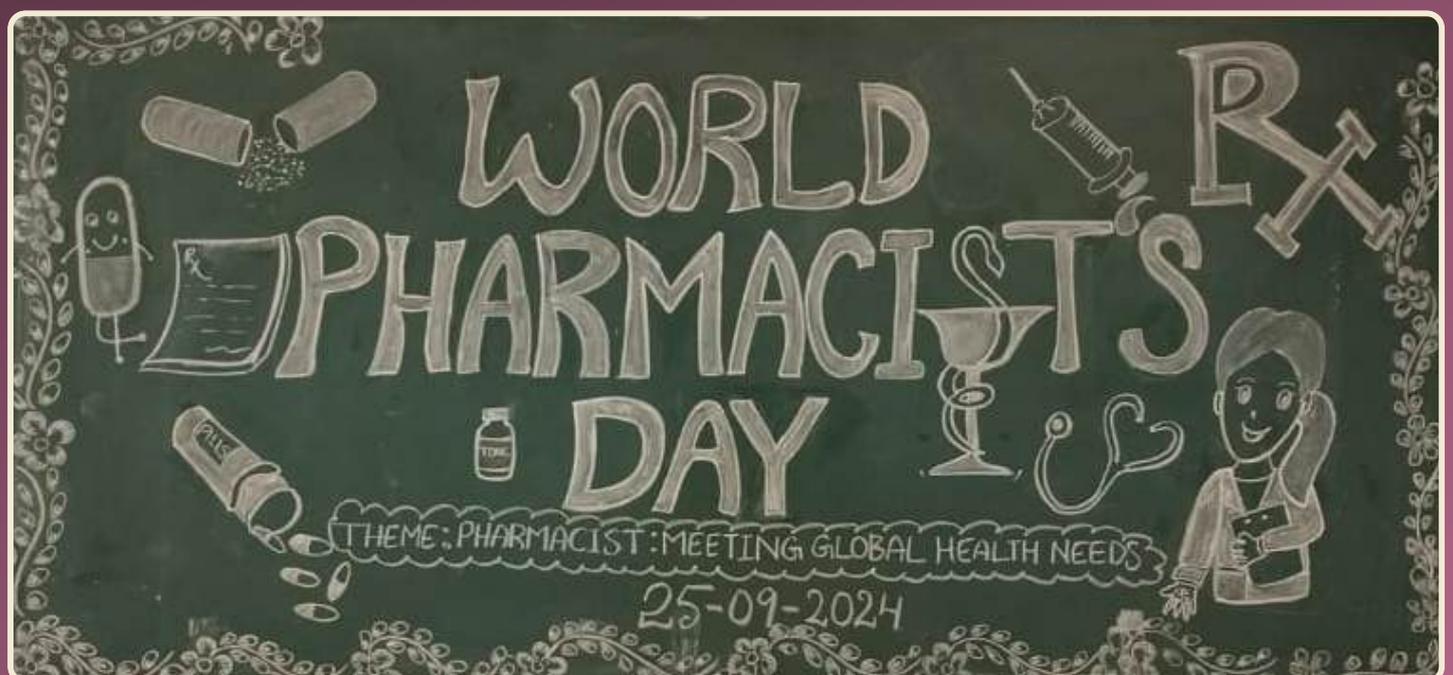
On the occasion of World Pharmacist Day, the Vikas IPA-SF Team organized a video editing competition based on the theme "Pharmacist: Meeting Global Health Needs". The event celebrated the vital role of pharmacists in addressing global health challenges and showcased the creative talents of participating students.

The competition was judged by the esteemed jury members, Dr. Rajani Shettigar and Dr. Sriram, who assessed the entries for creativity, relevance to the theme, and technical proficiency.

The winners of the competition were:

- First Prize: S. Virendra Kumar and N. Raju Surendra from Vikas College of Pharmacy, Vissannapeta.
- Second Prize: K. Martha Grace and T. Ratanjali from Vikas Institute of Pharmaceutical Sciences, Rajahmundry.

This successful event, led by the Vikas IPA-SF Team, highlighted the innovation and enthusiasm of pharmacy students while promoting the importance of pharmacists in global healthcare.



# Awareness on ● ● ● BREAST CANCER

Vikas Institute of Pharmaceutical Sciences, in collaboration with the IPA Local Branch, Rajahmundry, organized a Breast Cancer Awareness Program on 29th October 2024 to educate students and faculty on the importance of early detection, prevention, and treatment of breast cancer. The event featured insightful sessions by healthcare experts, emphasizing risk factors, self-examination techniques, and the latest advancements in treatment. Interactive discussions and awareness initiatives engaged participants, fostering a sense of responsibility toward public health.



The program featured an insightful session on the importance of self-examination, early detection, and awareness of breast cancer. A detailed presentation covered crucial topics, including breast cancer statistics, risk factors, prevention strategies, and the significance of regular screening. An interactive discussion followed, where students actively participated, asking questions and addressing concerns related to breast cancer and its prevention.

This event not only educated students but also encouraged them to adopt healthy practices and break the stigmas surrounding breast cancer awareness. By equipping them with the right knowledge, the program fostered a sense of empowerment and responsibility toward their health.



# WORLD PNEUMONIA DAY



Vikas Institute of Pharmaceutical Sciences (VIPS), in collaboration with IPA-SF (Indian Pharmaceutical Association-Student Forum), observed World Pneumonia Day on November 12, 2024. The event aimed to raise awareness about pneumonia and its prevention through engaging and educational activities. Organized under the guidance of Dr. T. Sai Swapna and Ch. Sandhya Rani, the program featured elocution competitions and mock patient counseling sessions, designed to actively involve students in promoting public health.



The elocution competition witnessed compelling presentations, with K.Nirmala Reddy and A. Divya (3rd PharmD) securing top honors. Meanwhile, the mock counseling sessions highlighted exceptional communication and counseling skills, with standout performances by Ch.Pooja, Ch.Amrutha, P.Lohitha, and D.Mounika (4th PharmD).



Vice Principals Dr. S. Muralidhar and Mr. V. Vasu Babu distributed prizes, while judges Mr. M. Madhu Babu and Dr. V. Satish commended the students for their dedication and hard work. The joint effort of VIPS and IPA-SF ensured the event's success, effectively raising awareness about pneumonia, improving communication skills, and empowering students to contribute meaningfully to public health initiatives.





# 63rd NATIONAL PHARMACY WEEK

**Theme : Think Health, Think Pharmacy!**

The 63rd National Pharmacy Week (NPW) was celebrated with great enthusiasm at Vikas Institute of Pharmaceutical Sciences (VIPS), Rajahmundry, from 17th to 23rd November 2024. Organized in collaboration with IPA-SF Vikas Local Branch and Delta Hospitals, the event embraced the theme "Think Health, Think Pharmacy", emphasizing the vital role of pharmacists in global healthcare.

The event was made successful by the relentless support of Dr. G. Sumalatha, Principal of VIPS, and the dynamic mentorship of Dr. T. Sai Swapna, who inspired students to showcase their creativity and commitment. Their guidance was instrumental in shaping the week into a remarkable celebration.

**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
Nidigatla Road, Near Airport, Rajahmundry, E.G Dist, Ap -533102  
(NAAC Accredited , Approved by AICTE & PCI, New Delhi, Affiliated to Andhra University, Vizag)

**63rd NATIONAL PHARMACY WEEK**  
**Theme : Think Health, Think Pharmacy!**

**17th-23rd November 2024**

**63<sup>rd</sup> National Pharmacy Week (NPW)**

Prepare for an exhilarating journey into the realms of discovery as National Pharmacy Week unfolds!

**Organized by**  
**IPA Local Branch, Rajahmundry**

**College Events**

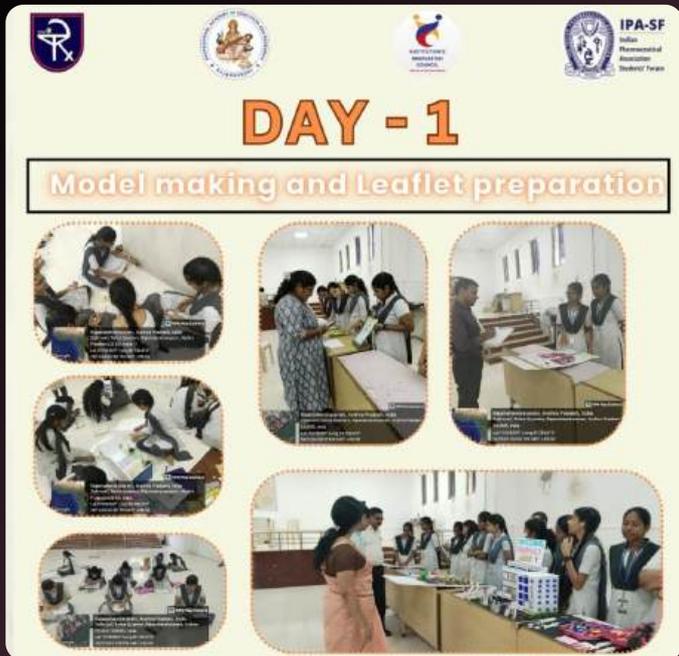
- Leaflet Preparation
- Model Making Competition
- Debate
- Spell bee Competition

**Social Service Events**  
in association with Delta Hospital

- General check-up at VIPS
- Health camp at Madhurapudi

Coordinated by M.V.A.N.Varun Sharma (Chairperson) and G.R.S.Sasikar (Vice-Chairperson), along with their dedicated team, the event exemplified exceptional planning and flawless execution. Their leadership ensured that every aspect of the week ran seamlessly.

The week featured a series of competitions, including leaflet preparation, model-making, debates, and a spell bee. These activities provided students with an opportunity to demonstrate their skills and fostered a spirit of healthy competition.



The inaugural day of the 63rd National Pharmacy Week at VIPS began with an inspiring start, showcasing students' innovation and creativity. The Model-Making competition allowed participants to demonstrate their understanding of pharmaceutical concepts through visual and practical models, reflecting their ingenuity and technical knowledge. Simultaneously, the Leaflet Preparation activity encouraged students to design informative and emphasizing the importance of communication in healthcare.

The second day brought intellectual energy to the forefront with a spirited Debate Competition. Students eloquently expressed their viewpoints on current healthcare topics, fostering critical thinking and effective communication skills.

The debate not only enhanced their knowledge of pressing issues in pharmacy and healthcare but also encouraged healthy dialogue and a diversity of perspectives. The event highlighted the confidence and analytical skills of participants, leaving the audience impressed and engaged.



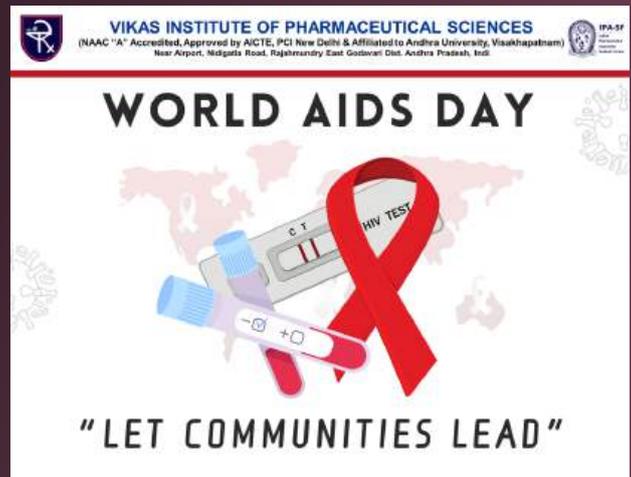
The third day of the 63rd National Pharmacy Week at VIPS was an engaging test of vocabulary and presence of mind through the Spell Bee Competition. Participants showcased their linguistic skills, accuracy, and quick thinking as they tackled a variety of pharmaceutical and general terminology.

The competition encouraged students to strengthen their vocabulary and understanding of technical terms essential to the pharmacy profession. The enthusiastic participation and competitive spirit made the event both educational and entertaining, leaving a lasting impression on everyone involved.





# WORLD AIDS DAY



The Indian Pharmaceutical Association (IPA), Rajahmundry Local Branch, in collaboration with Vikas Institute of Pharmaceutical Sciences, organized an awareness camp as part of World AIDS Day 2024. With the theme "Take the Rights Path: My Health, My Right!", the program was conducted across the adopted villages of Nidigatla, Gadala, Kolamuru, Madhurapudi, and Burugupudi.



The camp aimed to educate villagers about HIV/AIDS, emphasizing that it is not a contagious disease. Through interactive sessions and informative materials, the initiative sought to dispel myths, reduce stigma, and promote understanding among the community.

Students and faculty from Vikas Institute of Pharmaceutical Sciences played an active role in this meaningful campaign, fostering awareness and empathy. The program successfully highlighted the need for education and community support to combat the challenges associated with HIV/AIDS.





**APRIL 2024-APRIL 2025**



# **VIPS EVENTS**



**APRIL 2024-APRIL 2025**



# WEBINAR ON OVERSEAS OPPORTUNITIES FOR PHARMACIST AND CAREER GUIDANCE

On June 14, 2024, the Vikas Institute of Pharmaceutical Sciences (VIPS) hosted a webinar on overseas job opportunities for pharmacists, in collaboration with Academically Global Health Care Academy. Coordinated by Mrs. Ramya K. and Mrs. E. Aruna Kumari, the session featured Mr. Arvind Vutla, Manager at the Academy in Bangalore, as the resource person. Held in the VIPS mini auditorium, the webinar aimed to guide students on career pathways abroad, qualifications needed, and processes for securing international pharmaceutical jobs.



Mr. Vutla provided an in-depth overview of the global pharmaceutical job market, emphasizing the importance of the Knowledge Assessment of Pharmaceutical Sciences (KAPS) exam for becoming a registered pharmacist in Australia. He also outlined various certification programs, advanced degrees, and other qualifications that enhance employability overseas. The session included an interactive Q&A, where participants gained clarity on the process of pursuing international careers in the pharmaceutical industry.

The event witnessed active participation, demonstrating the keen interest of the attendees in exploring international career opportunities. The engaging session created a productive learning environment, inspiring students to consider global career prospects in the pharmaceutical sector. Overall, the webinar was a tremendous success, offering attendees valuable guidance and insights into building successful careers in the global pharmaceutical industry.



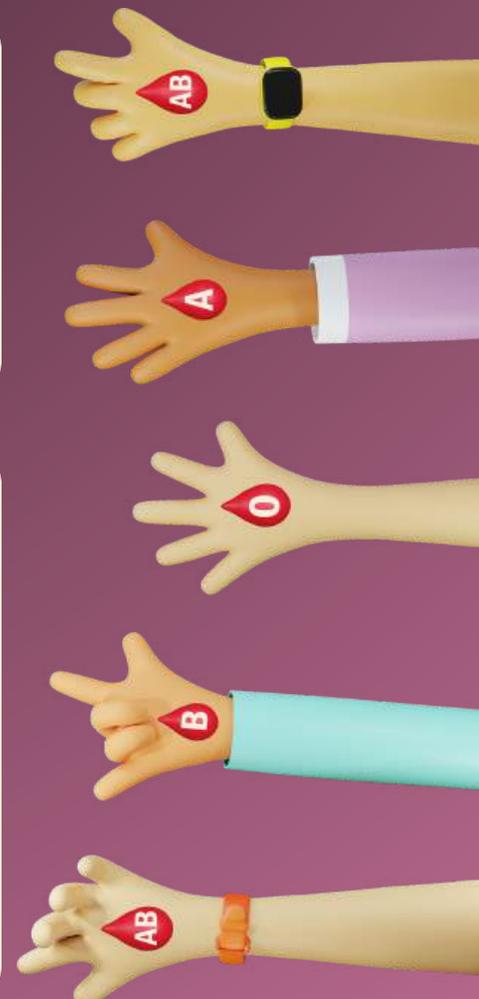
# WORLD BLOOD DONOR DAY

A DROP FOR YOU, LIFE FOR THEM !!



The World Blood Donor Day event at Government General Hospital on 14th June 2024 was a significant success, featuring an interactive awareness session led by medical professionals on the importance of blood donation. Many students from Vikas Institute of Pharmaceutical Sciences actively participated, donating blood to support the hospital's blood bank.

The event was efficiently coordinated by Dr. V. Satish Kumar and E. Aruna Kumari, ensuring smooth execution. The hospital staff appreciated the contributions of both students and faculty in addressing the critical need for blood. Overall, the event reinforced VIPS's commitment to community welfare and instilled a strong sense of responsibility among students.



# NATIONAL DOCTORS DAY



A comprehensive health camp was conducted at Madhurapudi village, offering free medical check-ups and consultations to the local community. Students and faculty from VIPS actively participated, ensuring seamless service delivery and addressing diverse healthcare needs. This initiative not only provided accessible healthcare but also demonstrated the institute’s commitment to community welfare. The health camp served as a platform for students to engage in meaningful outreach activities, fostering a sense of social responsibility.

The celebration also included a felicitation ceremony honoring Dr. M. Lakshmi Surya Prabha, Superintendent/ADME of Government Teaching General Hospital, Rajahmundry.

On July 1, 2024, Vikas Institute of Pharmaceutical Sciences (VIPS) celebrated National Doctors’ Day to honor the selfless service and dedication of doctors to society. The event, organized by Dr. V. Satish Kumar and Dr. T. Sai Swapna, featured meaningful activities aimed at recognizing the contributions of medical professionals and fostering community engagement. The day’s key initiatives included a health camp at Madhurapudi village and a felicitation ceremony for a distinguished medical professional.



# 73<sup>rd</sup> INDIAN PHARMACEUTICAL CONGRESS



The 73<sup>rd</sup> Indian Pharmaceutical Congress (IPC) was successfully organized from July 5 to July 7, 2024, at the Hitex Exhibition Centre, Hyderabad. This prestigious event, held at both national and international levels, was hosted by the Indian Pharmaceutical Association (IPA) and coordinated with great enthusiasm by Vikas Institute of Pharmaceutical Sciences. Organized by the Indian Pharmaceutical Congress Association (IPCA), the congress aimed to elevate pharmaceutical sciences and the profession in India, ensuring global excellence in pharmaceutical products and practices for societal benefit.



A major highlight of the event was the recognition of distinguished professionals for their contributions to the pharmaceutical field.

- Dr. T.V. Narayana, Director of Vikas Institute of Pharmaceutical Sciences, was honored with the M.L. Shroff IHPA Award for his significant contributions to pharmaceutical education and research.
- Dr. G. Sumalatha, Principal of Vikas Institute of Pharmaceutical Sciences, received the IPA Fellowship Award for her dedication to pharmaceutical sciences and academia.

# Career Opportunities in Clinical Research with SAS Programming



On July 24, 2024, the Vikas Institute of Pharmaceutical Sciences hosted a one-day national seminar on "Career Opportunities in Clinical Research with SAS Programming" in the mini auditorium. The seminar was attended by students from 3rd B.Pharm and 2nd, 4th, and 5th Pharm.D programs and featured Dr. Venkata Ikurthy, Manager of Clinical Data Integration at Bayer, USA, as the resource person. Coordinated by Dr. V. Sathish Kumar and held in the presence of Principal Dr. G. Sumalatha and Vice Principals Dr. S. Muralidhar and Dr. D. Sri Lakshmi, the event aimed to introduce students to career opportunities in clinical research and the critical role of SAS programming in the field.

The event commenced with a warm welcome from Dr. V. Sathish Kumar, setting the stage for a seminar on clinical research and career opportunities. Principal Dr. G. Sumalatha emphasized the institute's commitment to preparing students for emerging career paths, particularly in clinical research.



Dr. Ikurthy's keynote address offered a detailed overview of clinical research, focusing on the growing demand and the role of SAS programming in clinical trials.



An interactive session followed, where students explored career roles like clinical data managers and biostatisticians.

Dr. Ikurthy was later honored by the Principal and Vice Principals during a felicitation ceremony.





Independence Day was celebrated with great fervor and patriotism on August 15, 2024, at the Vikas Institute of Pharmaceutical Sciences (VIPS). The event, meticulously organized by Mrs. P. Geetha Bhavani, Dr. B. Madhu Harika, and Ch. Sandhya was filled with activities that honored the spirit of freedom and unity. The celebrations commenced with the flag hoisting ceremony led by Principal Dr. G. Sumalatha, where the national flag was unfurled, followed by the singing of the national anthem. This ceremonial start evoked a sense of pride and respect for the nation, setting the tone for a meaningful day.



A special address by Mr. T. Uday Bhaskar highlighted the significance of Independence Day and the critical role of youth in nation-building. His inspiring words resonated with the audience, motivating students and staff alike to contribute positively to society and uphold the values of freedom and democracy. The speech was a reminder of the sacrifices made by freedom fighters and the responsibility that comes with independence.

The 2024 Independence Day celebrations at VIPS were not just a commemoration of freedom but also an event that instilled a deep sense of patriotism, unity, and community spirit.



# TEACHERS' DAY

## CELEBRATION



On September 5, 2024, Vikas Institute of Pharmaceutical Sciences celebrated Teachers' Day with enthusiasm, organized by 4th-year Pharm.D students to honor the faculty's dedication and contributions. The event began with a welcome address, followed by inspiring speeches from the Principal and Vice Principal, highlighting the importance of teachers in shaping futures.

Lively activities like musical chairs, balloon blast, and dance performances added joy and showcased the hidden talents of the faculty. These activities created a festive atmosphere, strengthening bonds between students and teachers.

The celebration concluded with the distribution of gifts and refreshments as tokens of appreciation. The Principal lauded the students for organizing the event successfully. This memorable celebration fostered gratitude, respect, and camaraderie, reflecting VIPS' commitment to recognizing its educators.



# FROM CAMPUS TO COMMUNITIES

## VIPS STANDS STRONG



The management of Vikas Institute of Pharmaceutical Sciences (VIPS) extended its support to the flood-affected areas in Vijayawada on 6th September 2024 by donating essential relief materials. Understanding the hardships faced by the affected communities, the college management took the initiative to distribute food packets and water bottles to those in need. This timely assistance aimed to provide immediate relief and ensure that basic necessities reached the affected families, reinforcing the institution's commitment to social responsibility.



Through this noble effort, VIPS once again demonstrated its dedication to serving society beyond academics. The relief initiative was carried out with utmost care, ensuring that the aid reached the most vulnerable sections of the community. The college management expressed solidarity with the flood victims and emphasized the importance of extending help during times of crisis. This initiative not only provided much-needed assistance but also inspired students and staff to actively participate in humanitarian efforts, fostering a culture of empathy and social service.



# 7<sup>th</sup> Graduation Day 2024

Vikas Institute of Pharmaceutical Sciences celebrated its 7<sup>th</sup> graduation day on September 10, 2024, with grandeur and enthusiasm. Sri Bathula Balarama Krishna, MLA of Rajanagaram, graced the occasion as the chief guest, alongside other dignitaries, faculty, parents, and students. The event commenced with a traditional lamp-lighting ceremony, symbolizing enlightenment, and was meticulously coordinated by K. Ramya, Dr. D. Srilakshmi, and Dr. Srinivasa Sastry.



Distinguished guests, including Dr. Rao V S V Vadlamudi, offered blessings and encouragement, while Dr. T.V. Narayana, Director of VIPS and IPA President, emphasized the value of discipline in professional life. Emotional speeches from students and parents reflected pride and gratitude, adding warmth to the celebration.

A celebratory lunch fostered camaraderie, followed by a joyful photo session capturing proud moments with families. Sri Bathula Balarama Krishna, MLA, Rajanagaram, highlighted the role of education and pharmacists, leaving graduates inspired for their future journeys.



# Pharma Scramble - Jumble

SITPALHO

IGERYNS

RESPTIONPCRI

NOIUSNASRTF

NVEINRNTIEO

VNITAINCOAC

ULECAPS

OMUPLAE

ESRODTEX

YHMARPAC

HOSPITAL, SYRINGE, PRESCRIPTION, TRANSFUSION, INTERVENTION, VACCINATION, CAPSULE, AMPOULE, DEXTROSE, PHARMACY

# SEMINAR ON STRENGTHENING PHARMACOVIGILANCE IN EMERGING MARKETS

On 19th September 2024, Vikas Institute of Pharmaceutical Sciences hosted a seminar titled "Strengthening Pharmacovigilance in Emerging Markets: Strategies and Success Stories," led by Mr. Ch. Kiran Kumar from Rise Training. The seminar focused on enhancing students' understanding of pharmacovigilance, especially in emerging markets, highlighting its vital role in ensuring drug safety. As the global pharmaceutical industry expands, ensuring the safety of medicines in regions with developing regulatory systems is essential.

Mr. Kumar shared strategies for strengthening pharmacovigilance frameworks and presented real-world success stories from emerging markets. The session emphasized the need for robust systems to prevent adverse drug reactions and improve public health outcomes. Interactive discussions allowed students to explore challenges like limited resources and regulatory gaps.

The seminar also provided valuable networking opportunities for students and industry experts, fostering knowledge exchange and collaboration. The event raised awareness about the responsibilities of pharmaceutical professionals in ensuring drug safety. With expert guidance from Mr. Kiran Kumar, the seminar helped attendees understand the critical role of pharmacovigilance in safeguarding public health, particularly in emerging markets, and paved the way for future advancements in global drug safety.



# 4TH NATIONAL PHARMACOVIGILANCE WEEK CELEBRATIONS



On September 20, 2024, Vikas Institute of Pharmaceutical Sciences organized a webinar as part of the 4th National Pharmacovigilance Week Celebrations, focusing on the evolving field of pharmacovigilance. The event featured two expert speakers: Mr. Gurupreeth Singh, who discussed "Pharmacovigilance Trends, Challenges, and Opportunities," and Mr. C.S. Mujeebuddin, who delved into "Digital Innovation in Pharmacovigilance." The webinar aimed to provide students and professionals with insights into current trends, challenges, and opportunities in pharmacovigilance, as well as the role of digital innovation in improving drug safety monitoring and reporting.

Mr. Singh’s session highlighted key trends, such as the integration of artificial intelligence and machine learning in pharmacovigilance, and the challenges faced in emerging markets, such as underreporting of adverse drug reactions (ADRs) and resource constraints. Mr. Mujeebuddin’s session focused on how digital tools like automated reporting systems and social media monitoring are transforming pharmacovigilance practices. The event also included an interactive Q&A session, where participants had the opportunity to clarify doubts and gain industry insights. The webinar was a successful platform for knowledge sharing, networking, and promoting awareness about the importance of pharmacovigilance in ensuring public health safety.

# SESSION ON 3D PRINTING



Vikas Institute of Pharmaceutical Sciences (VIPS) hosted an enlightening session on "3D Printing in Pharmaceutical Sciences" on 21st October 2024. The event aimed to explore the transformative applications of 3D printing in drug delivery systems, personalized medicine, and pharmaceutical manufacturing. The session, held in the institute's seminar hall, witnessed active participation from faculty members, students, and researchers.



Mr. Katakam Prakash, an expert in 3D printing technologies, served as the resource person, delivering an insightful talk on the fundamentals, history, and types of 3D printing. He discussed its growing impact on pharmaceutical sciences, highlighting personalized dosage forms and cost-efficient drug development. A live demonstration of a 3D printer allowed attendees to witness the precision and potential of the technology in real time.



Dr. T.V. Narayana, Director of VIPS, graced the event and emphasized the significance of adopting emerging technologies in pharmaceutical research. The interactive Q&A session inspired students and researchers to explore innovative solutions using 3D printing.

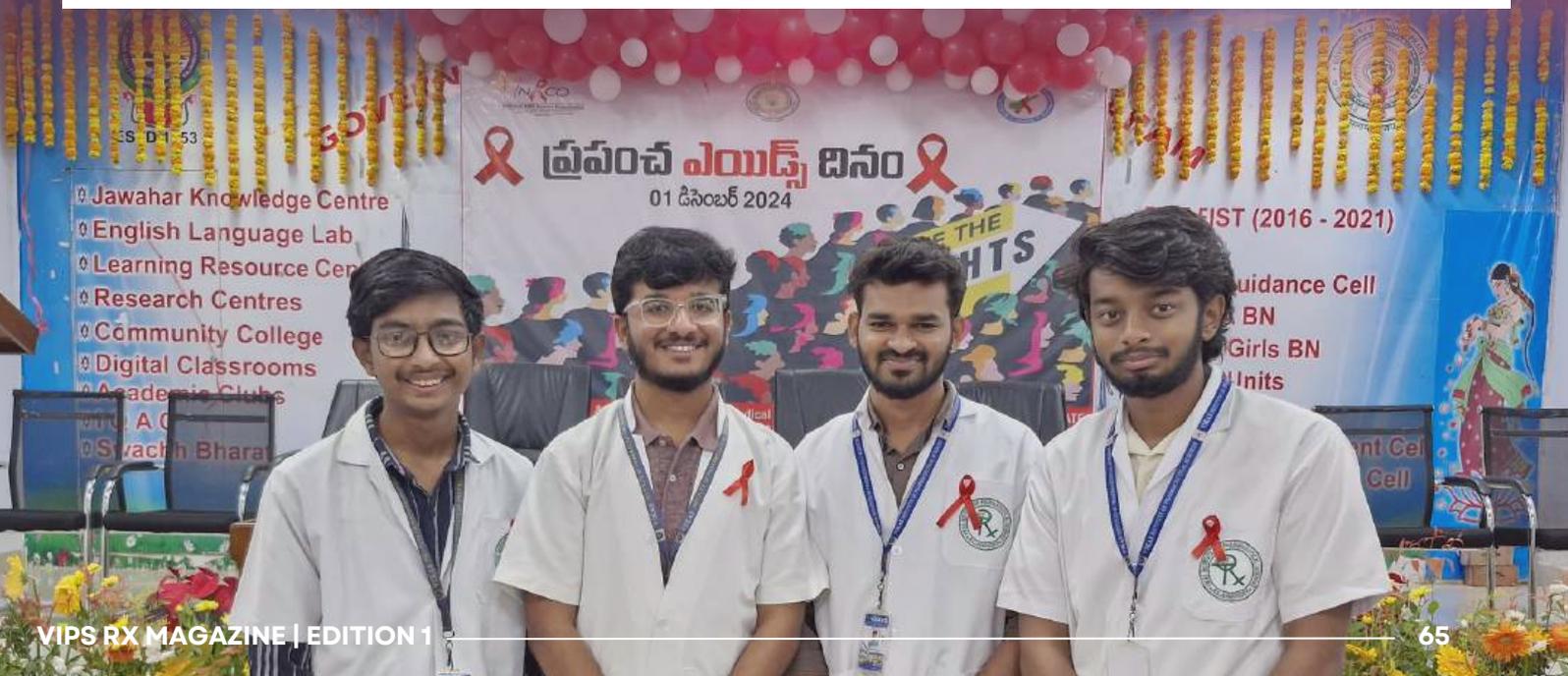
Coordinated by faculty members K. Ramya and Ch. Sandhya Rani, the program concluded successfully, leaving participants with valuable insights into this cutting-edge technology.

# - World - AIDS DAY



On December 3, 2024, Vikas Institute of Pharmaceutical Sciences observed World AIDS Day with an impactful awareness session, uniting Pharma.D students and the local community. The event aimed to enhance understanding of HIV/AIDS, promote empathy, and reduce stigma associated with the condition. Coordinators Dr. V. Satish Kumar on HIV prevention, early diagnosis.

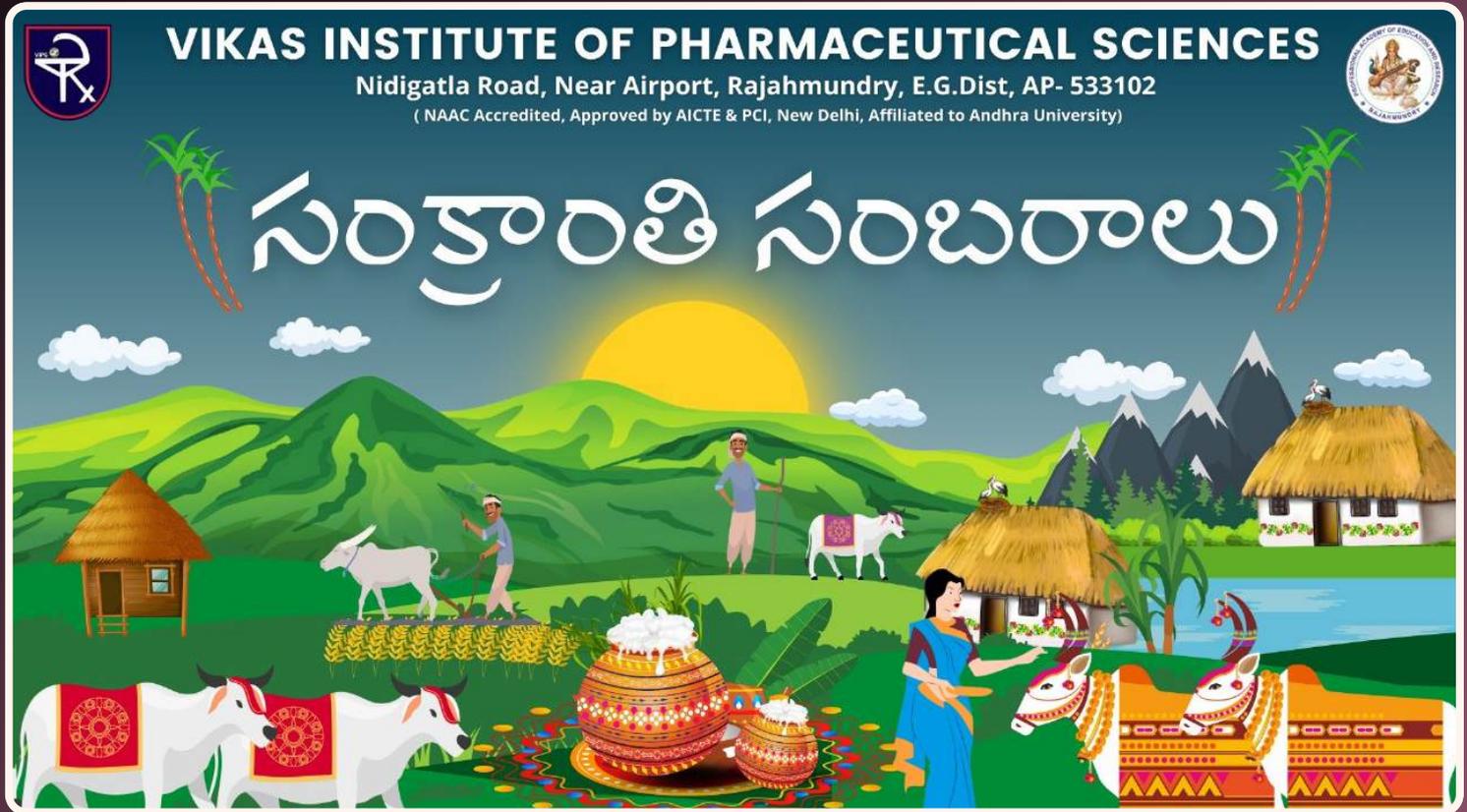
The event featured a symbolic representation where Pharma.D students formed the HIV/AIDS symbol on the college ground, demonstrating solidarity and commitment to the cause. Simultaneously, awareness campaigns were conducted in nearby villages, focusing on modes of transmission, prevention, and treatment options. Interactive sessions allowed villagers to raise concerns and seek clarifications, fostering meaningful engagement. Pamphlets and posters were distributed to reinforce key messages shared during the sessions.







# Pongal Celebrations



Vikas Institute of Pharmaceutical Sciences celebrated Pongal with great enthusiasm on 9th January 2025, embracing the rich cultural heritage of India. The event aimed to foster a spirit of unity among students and faculty while highlighting traditional values. Faculty members and students dressed in ethnic attire, symbolizing the festival's cultural essence. A variety of traditional competitions and activities added excitement to the celebrations, making the event a grand success. The program was meticulously coordinated by Mr. P. Vasu Babu and Mr. B. V. V. Balaji, ensuring smooth execution.



The festivities began with an auspicious gathering, where students and faculty participated in various traditional competitions. The Tug of War witnessed intense energy, with Kishore and his team from the 3rd B.Pharmacy emerging victorious. The Pongal Cooking Contest showcased students' culinary talents as they prepared delicious traditional Pongal. The Traditional Dress Competition witnessed enthusiastic participation, while the Rangoli Competition brought out vibrant artistic expressions, with Teju and team securing the first prize and Pradhani and team from 4th B.Pharmacy as runners-up. The Pot Painting Competition displayed creativity, with K. Likhitha from 3rd Pharm.D winning first place, followed by Madhulatha from 4th B.Pharmacy in second place.



The celebrations concluded with a valedictory ceremony, where winners of all competitions were felicitated with prizes and certificates. The Pongal event successfully instilled cultural pride, teamwork, and enthusiasm among students and faculty. The spirit of the festival was beautifully reflected in the active participation, traditional performances, and camaraderie among everyone present, making it a truly memorable occasion. The event not only highlighted the significance of Pongal but also strengthened bonds among students through shared experiences.

The vibrant decorations, enthusiastic participation, and joyful atmosphere added to the festival's charm. Faculty members appreciated the efforts of the organizing team and encouraged students to uphold cultural traditions.

# SPORTS MEET 2025



The Sports Meet, held from 7th to 8th January 2025, was a grand celebration of energy, enthusiasm, and competitive spirit, bringing together participants from all walks of life. With a diverse range of games and athletic events, the meet aimed to promote fitness, teamwork, and perseverance. Each event tested the players' skills, determination, and sportsmanship, making the competition both thrilling and inspiring. The vibrant atmosphere, coupled with the excitement of challenges, created an unforgettable experience for both participants and spectators alike.





VIPS PLAYOFFS 2025 was successfully conducted on 7th and 8th January 2025 at Vikas Institute of Pharmaceutical Sciences campus. The event brought together students for two days of exciting sports and cultural competitions. Coordinated by Dr. V. Sathish Kumar and Mr. B.V.B. Balaji, the meet aimed to promote physical fitness, sportsmanship, and teamwork. Events included badminton, volleyball, cricket, chess, running races, tennikoit, kho-kho, throwball, and carroms.

Students from various departments participated with enthusiasm and competitive spirit. Winners were awarded medals and certificates during the grand closing ceremony. Standout performances were seen in volleyball, carroms, badminton, and chess. The event fostered leadership, coordination, and unity among students. Spectators enjoyed a vibrant display of energy and talent. Overall, the playoffs were a memorable celebration of athleticism and college spirit.

The organizing committee ensured smooth coordination and time management of all events. Faculty and non-teaching staff extended their support throughout the event. The cheering crowd added to the motivation of the participants. All safety protocols and fair play guidelines were strictly followed. VIPS PLAYOFFS 2025 will be remembered as an inspiring blend of fitness, fun, and friendship.

The event successfully reinforced the importance of sports in student life and contributed to building a healthy, competitive environment at VIPS. We look forward to even more participation and enthusiasm in the future.

# Republic Day Celebrations



The 76th Republic Day was celebrated with immense enthusiasm and patriotic fervor at Vikas Institute of Pharmaceutical Sciences on 26th January 2025. The event was a tribute to the spirit of democracy and unity, featuring the hoisting of the national flag, inspiring speeches, and cultural performances. Faculty, students, and staff gathered to honor the sacrifices of freedom fighters and reaffirm their commitment to the nation. The celebration was meticulously coordinated by Mrs. P. Geetha Bhavani and Mr. P. Sekhar Babu, ensuring a well-organized and meaningful event.



The ceremony commenced with the flag hoisting by the Principal, accompanied by Vice Principals Dr. S. Muralidhar and Mr. P. Vasu Babu, along with senior faculty members. The National Anthem resonated across the campus, instilling a deep sense of pride.

Dr. G. Sumalatha delivered an inspiring speech on the significance of Republic Day and the constitutional values that define the nation. The Vice Principals highlighted the role of youth in nation-building and the importance of upholding democratic ideals.

# 3 DAY MOTIVATIONAL TRAINING PROGRAM FOR ACADEMIC AND CAREER DEVELOPMENT



Vikas Institute of Pharmaceutical Sciences successfully organized a Three-Day Motivational Training Program for Academic and Career Development from 23rd to 25th January 2025, in the college auditorium. The session was conducted by Dr. Jagannatha Rao from Skill and Will Development LLP, Bangalore, and was exclusively designed for First Year B.Pharmacy and First Year Pharm.D students. Coordinated by Mrs. P. Geetha Bhavani and Mr. B.V.B. Balaji, the program aimed to inspire freshers, help them set clear goals, and enhance their confidence, communication, and problem-solving skills.

The event covered various crucial aspects over three days. On the first day, Dr. Jagannatha Rao emphasized the importance of self-motivation, time management, and goal setting for academic success. The second day focused on career opportunities in the pharmaceutical field, skill development, and strategies to overcome professional challenges. The final day featured an engaging interactive Q&A session where students actively participated, asked questions, and gained valuable insights. The session concluded with the felicitation of Dr. Jagannatha Rao in appreciation of his contribution.



The Three-Day Motivational Training Program was a great success, leaving a lasting impact on the students. Freshers expressed their gratitude for the opportunity and felt more confident and motivated to embark on their academic journey. The event concluded on a high note, reinforcing the importance of perseverance, skill enhancement, and a positive mindset for a successful career.

# Aadyotsava 2025



Vikas Institute of Pharmaceutical Sciences organized a grand Freshers' Day Party on 30th January 2025 at 5:00 PM within the college premises to extend a warm welcome to the newly admitted students. The event was a lively celebration filled with enthusiasm, energy, and joy as senior students took charge of the arrangements. Coordinated by Dr. S. Madhuri and Ch. Sandhya Rani, the program aimed to make freshers feel comfortable in their new environment while fostering a friendly bond between seniors and juniors through interaction and entertainment.

The celebration began with a heartfelt welcome speech by senior students, setting the perfect tone for an evening of excitement. The stage came alive with dynamic dance performances by both freshers and seniors, while melodious singing performances added a musical charm to the event. Fun-filled interactive games and activities engaged the audience, making the atmosphere even more vibrant. Freshers introduced themselves with enthusiasm and actively participated in entertaining segments, making the evening even more memorable.



# SEMINAR ON SESSION ON FUTURE FOCUS : CAREER GOALS AND STRATEGIES



**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**  
 (NAAC "A" Accredited, Approved by AICTE, PCI New Delhi & Affiliated to Andhra University, Visakhapatnam)  
 Near Airport, Nidigatla Road, Rajahmundry East Godavari Dist. Andhra Pradesh, Indi



## Seminar on Career Planner 2025



East Godavari, Andhra Pradesh, India  
 Non-Banking, East Godavari, Andhra Pradesh  
 531102, India  
 Lat: 17.103801, Long: 81.830604  
 02/05/2025 03:17 PM GMT+05:30  
 Note: Captured by GPS Map Camera



East Godavari, Andhra Pradesh, India  
 Non-Banking, East Godavari, Andhra Pradesh  
 531102, India  
 Lat: 17.103801, Long: 81.830604  
 02/05/2025 02:10 PM GMT+05:30  
 Note: Captured by GPS Map Camera



East Godavari, Andhra Pradesh, India  
 Non-Banking, East Godavari, Andhra Pradesh  
 531102, India  
 Lat: 17.103801, Long: 81.830604  
 02/05/2025 02:41 PM GMT+05:30  
 Note: Captured by GPS Map Camera



## Resource Person – Mr. Abdul Hazeem

Vikas Institute of Pharmaceutical Sciences successfully organized an insightful seminar, Career Planner 2025, exclusively for B.Pharm and Pharm D final-year students on 5th February 2025. The event aimed to equip aspiring pharmacists with essential career guidance, industry insights, and professional development strategies. The session was conducted by Mr. Abdul Hazeem, an esteemed resource person with extensive experience in the pharmaceutical industry.

He provided valuable insights into various career pathways available to pharmacy graduates, including clinical pharmacy, industrial roles, research opportunities, regulatory affairs, and entrepreneurship. The seminar was interactive and engaging, featuring real-world case studies, career planning frameworks, and motivational discussions. Students actively participated, seeking clarity on career prospects, higher education opportunities, and industry expectations.

# SEMINAR ON CAREER GUIDANCE, GPAT PREPARATION AND SOFT SKILL DEVELOPMENT

Vikas Institute of Pharmaceutical Sciences organized an insightful session on Career Guidance, GPAT Preparation, and Soft Skill Development on 7th February 2025, featuring Mr. Indu Sekhar, HOD of the South Centre Branch at GPAT Discussion Centre, as the resource person. The session aimed to equip students with effective GPAT preparation strategies while emphasizing the role of soft skills in career growth. Mr. Indu Sekhar, an expert in GPAT coaching and career guidance, provided valuable insights into the GPAT syllabus, marking scheme, and key subject areas, helping students understand the significance of structured preparation and strategic planning.

The session covered essential study techniques, including time management, conceptual clarity, and the importance of mock tests in improving performance. Mr. Indu Sekhar also provided practical tips on handling tricky questions, avoiding negative marking, and enhancing problem-solving skills.

Beyond academics, the session emphasized soft skills development, focusing on communication, teamwork, leadership, and professional etiquette, which are crucial for career advancement. The interactive Q&A session allowed students to clarify their doubts regarding GPAT and explore various career opportunities in the pharmaceutical sector, fostering an engaging learning experience.



# MEDICAL MYSTERY... CAN YOU SPOT THEM ALL?

L G A S T R I C W F W J X K W B J C L U U R P F  
 A B B L Z K E Z G H Z I A D V L U Y Y F F N B D  
 C X R Z N G Z O I A D F N I W A E A D A H P A P  
 H H A Y Y X K E G P E H T A M S M N M F L H C U  
 R L I J W C M G A P D J H G Q T X O X Y B S I Z  
 Y H N P T M I A S E E P E N D O D D F Q Q X L F  
 M D S H C B G W T N R V M O B C K E F O J T L H  
 A N T F O O C A R D M C I S L Y O R D C R M U U  
 T L E O C M A C A I A B A I X T O M M W N F S K  
 I W M A C G R R L X T J D S C E N A N G S D P P  
 O C U D Y N D O G A O R H I N O R R H E A K M B  
 N K J Y X V I M I I L X F T U Q E C E R U M E N  
 C A D B R O O E A Q O O U N D Y Z Z N A Y U Z M  
 A D T D R U M G A U G D J D G N D D M H G P I W  
 R Z K D O E E A T P Y H G H C K X D I S Y H W W  
 P C U O H Z G L D W J M N Y L E U V V I H R L I  
 U E N N K K A Y L S M X S T Q V A W T Q Q B C T  
 S Q N K L K L V U Y Y D Q R P H O T A L G I A J  
 N S T H E X Y D N C A R C I N O M A M V N N N O  
 K W E M V R H Y D R O P H O B I A E G L M J D L  
 F O H Y P O T H A L A M U S I K L Y N A F L J D  
 Y C C R I S I L E E R Y T H R O C Y T E S M U V  
 F R H V N H U D U O D E N O T O M Y L L V B R A  
 Z M E L A N O B L A S T M J N S X U H T K C Q B

hypothalamus  
 lachrymation  
 appendix  
 acromegaly  
 diagnosis  
 cyanoderma  
 xanthemia

rhinorrhea  
 cerumen  
 carcinoma  
 bacillus  
 dermatology  
 duodenotomy

cardiomegaly  
 photalgia  
 hydrophobia  
 carpus  
 gastric  
 erythrocytes

coccyx  
 brainstem  
 melanoblast  
 crisi  
 blastocyte  
 gastralgia



Need a Second Opinion? Scan for the Answers!

# GDC - GPAT Mock Test Achievers

The GPAT Discussion Centre (GDC) recently conducted an online mock test on February 7, 2025, for aspirants preparing for the Graduate Pharmacy Aptitude Test (GPAT). Alongside the mock test, GDC also shared valuable test series books and subject-specific modules to aid students in their preparation journey.

The objective of this initiative was to help students assess their preparation level, enhance time management skills, and gain familiarity with the actual exam pattern. A large number of pharmacy students participated in this mock test, taking full advantage of the opportunity to simulate a real-time exam environment.

**After a competitive and rigorous test session, the top-performing students were recognized for their outstanding performance and gave some helpful test series books which will enhance their preparation. The Top 5 Achievers of the GDC GPAT Mock Test were:**

- 🏆 1st Place – A.Janardhan
- 🥈 2nd Place – R.Vimala
- 3rd Place – A.Narendra
- 4th Place – Ankitha.V
- 5th Place – B.Harika



# SESSION ON COMPUTER SYSTEM VALIDATION AND GUIDANCE

Vikas Institute of Pharmaceutical Sciences organized an insightful session on Computer System Validation and Guidance on 8th February 2025 at 2:00 PM in the Mini Auditorium. The session was led by Mr. Abdul Kaleem from Valsquare Consultancy, Hyderabad, and aimed to provide students with a comprehensive understanding of Computer System Validation (CSV), its significance in the pharmaceutical industry, and potential career opportunities in this domain. The session focused on the regulatory importance of CSV, the validation processes involved, and industry best practices to ensure compliance with global standards.

During the session, Mr. Abdul Kaleem provided an in-depth explanation of computer system validation, covering essential aspects such as regulatory requirements, protocols, and compliance standards set by agencies like the FDA and EMA. He elaborated on the validation lifecycle, which includes system design, risk assessment, testing, and documentation, highlighting its role in ensuring data integrity and quality assurance in pharmaceutical industries. Additionally, he discussed various career prospects in this field, including roles such as CSV analysts, quality assurance specialists, and regulatory compliance professionals. The session concluded with an interactive Q&A, allowing students to clarify their doubts and gain deeper insights into CSV as a career path.

The session was highly informative and beneficial, equipping students with valuable insights into pharmaceutical quality assurance and regulatory affairs. Mr. Abdul Kaleem's expertise shed light on the growing demand for CSV professionals.



# IMPACT OF NARCOTICS (GANJA) ON INDIVIDUAL AND SOCIETY

Vikas Institute of Pharmaceutical Sciences, in collaboration with the Police Department, organized an Essay Writing Competition on 11th February 2025 at the Mini-Auditorium from 03:00 PM to 04:00 PM. The competition aimed to raise awareness about the adverse effects of narcotics, particularly Ganja (Cannabis), on individuals and society. Students from various departments actively participated, showcasing their understanding and perspectives on this crucial issue. The event provided a platform to educate students about the dangers of drug abuse and encourage them to engage in constructive discussions on preventive measures.



The competition began with an introductory address by the college authorities and Police Department representatives, emphasizing the serious social and health consequences of drug abuse. Students were given an hour to write essays, focusing on various aspects such as the psychological, social, and legal impacts of narcotics. Participants presented deep insights into the causes of drug addiction, its effects on youth, and possible preventive measures. A panel of judges evaluated the essays based on clarity of thought, factual accuracy, and originality. The event witnessed enthusiastic participation, reflecting students' awareness and concern about the growing issue of drug abuse in society.

The competition effectively raised awareness about narcotic abuse and the need for collective action. Collaboration with the Police Department provided students a platform to express their views and promote a drug-free society. The event concluded with appreciation for participants, encouraging winners to continue spreading awareness.

# NATIONAL LEVEL WORKSHOP ON CLINICAL RESEARCH AND CLINICAL DATA MANAGEMENT



Vikas Institute of Pharmaceutical Sciences organized a National Level Workshop on Clinical Research and Clinical Data Management on 12th February 2025 at Dhanvantari Auditorium. The workshop was conducted by Dr. V. Sathish Kumar, Founder and CEO of Clinoxy Solutions Pvt. Ltd., and was coordinated by Mrs. K. Ramya and Mr. B.V.B. Balaji. The event was attended by final-year B.Pharmacy and fourth- and fifth-year Pharm.D students, aiming to provide them with valuable insights into clinical research and data management, essential for their professional careers.

During the session, Dr. V. Sathish Kumar provided a detailed overview of clinical research processes, regulatory guidelines, and clinical data management systems. Students gained knowledge about case report forms (CRFs), electronic data capture (EDC) systems, and the importance of accurate data management in clinical trials. A Q&A session allowed students to interact with the resource person, seeking clarification on various aspects of clinical research and regulatory requirements. To encourage active participation, the best student responses were recognized, with awards presented by Principal Dr. G. Sumalatha.



# HEART FAILURE AWARENESS WEEK

Vikas Institute of Pharmaceutical Sciences organized Heart Failure Awareness Week 2025 on February 19, 2025, to educate and create awareness among the public about heart failure, its risk factors, preventive measures, and emergency care. The event was actively participated in by Pharma.D 3rd-year, 4th-year, and 5th-year students, who took the initiative to spread knowledge to the local community. As part of the awareness campaign, students visited Dosakayalapalli, a nearby village, to interact with residents and provide valuable health education. The event was coordinated by Dr. V. Sathish Kumar and Mrs. M. Anantha Lakshmi.

- Students conducted interactive sessions in Dosakayalapalli, explaining the causes and early warning signs of heart failure.
- Demonstrations on emergency care for heart failure, including CPR (Cardiopulmonary Resuscitation) and first aid, were conducted for the villagers.
- Awareness talks focused on the importance of a balanced diet, regular exercise, and avoiding risk factors such as smoking and excessive alcohol consumption.
- Informative pamphlets and posters were distributed to reinforce the key takeaways from the session.
- The community members actively participated, asking questions and sharing their concerns about heart health.



# SEMINAR ON DRUG SAFETY AND PHARMACOVIGILANCE: CHALLENGES AND INNOVATIONS

A seminar on Drug Safety and Pharmacovigilance was organized by Vikas Institute of Pharmaceutical Sciences on February 21, 2025. The event aimed to enhance students' understanding of drug safety, adverse drug reactions (ADRs), and the role of pharmacovigilance in ensuring public health. The program was coordinated by Mrs. K. Ramya and Mrs. E. Aruna Kumari, with Mr. V. Dharma Sai from Medifodil Smart Pharma Solutions, Hyderabad, as the resource person. The seminar was attended by B.Pharmacy final-year students and Pharm.D 5th-year students.



- Mr. V. Dharma Sai delivered an insightful session on pharmacovigilance practices, regulatory requirements, and the importance of ADR reporting.
- The seminar covered key topics such as risk assessment, drug safety monitoring, and case processing in pharmacovigilance.
- Interactive discussions and real-world case studies were presented, helping students understand the practical aspects of drug safety.
- Students actively participated in Q&A sessions, clarifying their doubts about career opportunities and industry expectations in the field of pharmacovigilance.
- The session concluded with a discussion on the significance of pharmacovigilance.



# Learn Globally Succeed Universally

## SEMINAR ON UNLOCKING GLOBAL OPPORTUNITIES: POST GRADUATE AND RESEARCH OPTIONS IN ABROAD FOR B.PHARMACY GRADUATES

A seminar on “Unlocking Global Opportunities: Postgraduate and Research Options Abroad for B.Pharmacy Graduates” was organized by Vikas Institute of Pharmaceutical Sciences on March 3<sup>rd</sup> 2025 (event happened on this date) to guide students on higher education and research opportunities in foreign universities. The event was conducted with great enthusiasm and was coordinated by Mrs. D. Mounika and Mr. E. Suresh Babu. The resource person for the seminar was Mr. Sunil Kumar from Edvora Edu Consulting Services, Hyderabad. The session was attended by final-year B.Pharmacy students, eager to explore global career prospects.



- Mr. Sunil Kumar provided an in-depth overview of postgraduate and Ph.D. programs in pharmaceutical sciences offered by top universities worldwide.
- The session covered essential details about entrance exams such as GRE, TOEFL, IELTS, and other admission requirements.
- Information on scholarships, assistantships, and financial aid available for Indian students planning to study abroad was shared.
- Real-world success stories and alumni experiences were discussed to give students a practical perspective on pursuing higher education overseas.
- A Q&A session allowed students to clarify doubts related to application procedures, visa processes, and job opportunities post-study.

# Mahila Rakshak - An Initiative By Police

On 01-03-2025, our college actively participated in the Mahila Rakshak event, conducted by the Police Department to educate students on women's safety, legal rights, and law enforcement procedures.

The session began with an introduction to the rules and regulations in place for women's protection. The police officers explained the structure of a police station, guiding us through the step-by-step process followed upon entering. They highlighted the role of the receptionist, where individuals file an FIR (First Information Report), collect a receipt, and explain their complaint.

A lady constable is always available to assist women in expressing their concerns comfortably. We were also shown the CCTV monitoring rooms and the writer's room, where case details are documented. Additionally, the police officers explained the jurisdiction map, detailing the areas connected to the police station.

The session was led by the Sub-Inspector (S.I.), who also provided crucial information about state, district, and area-specific toll-free helpline numbers for emergencies.

Overall, this visit gave us a deeper understanding of police operations, women's legal rights, and the support systems in place to ensure safety and justice.



# Mother and Child Protection Scheme

**Organized by Ramakrishna Math | Volunteered by VIPS Students**

The Mother and Child Protection Scheme was successfully organized by Ramakrishna Math on 04-03-25, aimed at supporting underprivileged families, especially feeding mothers and malnourished children. This event was generously supported by students from Vikas Institute of Pharmaceutical Sciences (VIPS), who volunteered to assist in various activities during the event.

The initiative focused on providing mothers and child - feeding mothers nutrition, and children who are suffering from malnutrition. The students were actively involved in the distribution process, ensuring that the essentials reached the most vulnerable members of the community. In addition to the donation drive, the event also included an awareness session. There were discussions on the challenges faced by the poor and the importance of addressing both material and mental well-being. The volunteers shared insightful speeches on topics such as poverty, the mindset of the underprivileged, and the importance of compassion and empathy in helping those in need.

The efforts of the VIPS students were appreciated by the community and the organizers alike, as the event not only provided essential supplies but also spread a message of kindness and unity. It was a heartwarming experience for all involved, highlighting the significant impact of community service and social responsibility.

A special thanks to the students of VIPS for their selfless participation and dedication to such a noble cause!!



# NATIONAL PHARMACY EDUCATION DAY!

The National Pharmacy Education Day 2025, held on March 6th at Vikas Institute of Pharmaceutical Sciences, was a significant event aimed at fostering innovation and entrepreneurship in the pharmacy sector. Coordinated by Mrs. Ch. Sandhya Rani and Dr. V. Sathish Kumar, the event brought together students, faculty, and industry professionals to discuss the evolving role of pharmacists in modern healthcare. The program emphasized key themes such as pharmacy startups, entrepreneurship, and the need for pharmacists to actively engage in healthcare innovation. The event's primary objectives were to encourage students to explore entrepreneurial opportunities, create awareness about the role of pharmacists in healthcare, and facilitate knowledge exchange between academia and industry.



The morning session featured an elocution competition on "Entrepreneurship and Startups in Pharma and Pharmacy Practice," where students shared insights on the importance of innovation in the pharmaceutical industry. In the afternoon, expert speakers, including Dr. Navya, a Pharma D professional with UK experience, and Dr. Karthik Rakham, an advocate for pharmacy startups in India, provided valuable perspectives on entrepreneurial ventures in pharmacy. Their talks highlighted the challenges and opportunities in the field, inspiring students to think beyond traditional roles and explore business and healthcare solutions within the pharmacy domain.



# INDUSTRIAL VISIT

(10.03.2025 - 16.03.2025)

## (HYDERABAD) 2025

### DAY - 1

#### Visit to CCMB - A Glimpse into Advanced Research in Molecular Biology

VIPS organized an educational visit to the Centre for Cellular and Molecular Biology (CCMB), Hyderabad, which began with an informative video presentation outlining the institute's history, achievements, and scientific contributions.

Students were introduced to a range of sophisticated scientific instruments and laboratory technologies, including various types of microscopes, High-Performance Liquid Chromatography (HPLC) systems, and spectroscopy techniques. They also observed essential lab equipment such as the floor-mounted incubator shaker, DNA slicer, orbital shaker, transilluminator, and PCR machines, gaining hands-on exposure to the tools used in modern biological research.

A major highlight of the visit was learning about the *Drosophila* genes, which share approximately 90% similarity with human genes. Researchers explained the importance of these genetic models in the study of human diseases and gene function, offering valuable insights into the field of molecular biology.

Overall, the visit to CCMB proved to be highly informative and inspiring, deepening the students' understanding of genetic research and its relevance to human health and scientific advancement.



## Evening Visit to Charminar - A Cultural Experience in the Heart of Hyderabad

After the insightful session at CCMB, the students were taken for an evening visit to one of Hyderabad's most iconic landmarks — the Charminar.

This historical monument, built in 1591, stands as a timeless symbol of the city's cultural richness and architectural grandeur.

As the sun began to set, the students arrived at Charminar and were captivated by its stunning Indo-Islamic architecture, complete with detailed stucco work and symmetrical minarets. The monument's grandeur and historical significance offered a deeper appreciation of Hyderabad's heritage.

The students took the time to admire its intricately carved arches and the mosque perched on the upper floor, all while soaking in the vibrant surroundings.

Following the visit, the students strolled through the bustling lanes around Charminar, immersing themselves in the lively local culture. They explored the famous Laad Bazaar, known for its colorful bangles, traditional Hyderabadi jewellery, handcrafted items, and textiles. Many also indulged in sampling authentic street food, enjoying delicacies such as biryani, kebabs, and Irani chai.

This cultural outing not only provided a refreshing break from academic sessions but also gave the students a first-hand experience of Hyderabad's rich heritage. The visit concluded the first day of the trip on a truly memorable and culturally enriching note.

## DAY - 2

## Visit to IICT, Hyderabad – Exploring Innovation and Research in Chemical Sciences

The students embarked on an insightful visit to the Indian Institute of Chemical Technology (IICT), Hyderabad, where they explored diverse research domains and witnessed cutting-edge technologies in action. The visit began with a session on biogas production, where students observed the live process and gained a comprehensive understanding of its role in sustainable energy solutions.

Following this, they visited the Algae Production Unit and learnt about the significance of algae and their wide-ranging applications in bioplastics, pharmaceuticals, and other industries. A particularly fascinating aspect was viewing a Ph.D. research project focused on environmental science, demonstrating the greenhouse effect and energy generation.

Students then explored the Mol Bank (Molecular Bank), where scientists explained the intricate role of chemistry in everyday life and showcased the storage of over 16,000 molecular samples under precise conditions. The visit continued to the NMR (Nuclear Magnetic Resonance) Lab, where students observed a live demonstration and understood how NMR is used in determining molecular structures.

In the analytical Lab, students gained knowledge about Thin-Layer Chromatography (TLC) and Column Chromatography, along with hands-on insights into advanced analytical instruments. Concluding the visit, students toured the IICT Library and viewed an informative film highlighting the institute's legacy, achievements, and future vision. The experience was truly enriching, as researchers also guided students on applying for summer internships and pursuing future opportunities at IICT.





### Visit to Nehru Zoological Park – A Journey into Wildlife and Conservation

Following the session, we visited Nehru Zoological Park, where we explored the rich wildlife and natural habitats of numerous species. Home to over 1,500 animals, the park features tigers, lions, elephants, and exotic birds, serving as a hub for wildlife conservation and awareness. We gained insights into breeding programs for endangered species and the park's significant role in preserving ecological balance.

The peaceful surroundings, vibrant greenery, and interactive exhibits added to the educational charm of the experience. This visit enhanced our understanding of biodiversity, animal behavior, and the importance of conservation initiatives.



During our visit to the Birla Museum and Science Exhibition, we explored an impressive collection of scientific innovations, historical relics, and detailed space models. The science exhibition featured interactive displays and experiments that effectively illustrated fundamental scientific concepts.

A standout moment was the captivating planetarium show, which offered an immersive journey through the universe, enriching our knowledge of astronomy and space exploration. The visit proved to be both educational and inspiring, igniting curiosity about science and technology and concluding our day with a memorable and enriching experience.

# DAY - 3

## Inspiring Visit to T-Hub – A Launchpad for Future Innovators

On Day 3, the students visited T-Hub in Gachibowli, a leading startup incubator dedicated to nurturing innovation and entrepreneurship. During the engaging session, we learned about startup culture, groundbreaking ideas, and various government schemes and grants available to students from pharmacy and engineering backgrounds. The mentors at T-Hub stressed that even students without a concrete idea but with passion and determination could receive strategic and financial support to bring their vision to life.

A key highlight was the recognition of Ankitha. V and J. Ananth Varma who were offered internships at T-Hub for their exceptional talent and confidence in presenting innovative ideas. They proudly represented our college among students from multiple institutions across various regions.

We also viewed a video presentation on T-Hub's unique infrastructure, designed with inspiration from Hyderabad's iconic Charminar. Officials explained how T-Hub fosters partnerships with the public and private sectors, building a strong academic and industry network to promote global talent.

Overall, the visit offered a valuable glimpse into the startup ecosystem, innovation support, and exciting opportunities for budding entrepreneurs.



## Session at Medifodil Pharma Solutions – Bridging Education and Industry

In the afternoon session, the students visited Medifodil Pharma Solutions in Kukatpally, where they gained meaningful insights into the pharmaceutical industry and its career prospects. The session provided an overview of vital domains such as Pharmacovigilance, Quality Assurance (QA), and Quality Control (QC), giving a clearer understanding of each department’s function and importance.

Industry experts detailed the structure of pharmaceutical operations, clinical practices, and the critical role of drug recalls in ensuring patient safety. The students were introduced to the 21 CFR (Code of Federal Regulations, Title 21), a key regulatory framework governing drug manufacturing and compliance standards. Discussions on recent drug recalls helped them comprehend their implications in real-world settings.

One of the most inspiring moments came when professionals shared personal stories about their career journeys and challenges, giving the students a practical perspective on the industry. At the end of the session, all participants received professional attendee certificates, recognizing their engagement.

Medifodil Pharma Solutions also showcased their specialized courses and hands-on projects, aimed at equipping students with practical industry experience.



# DAY - 4

## Educational Visit to Sanray Laboratories – A Glimpse into Advanced Pharmaceutical Analysis

On the fourth day of our industrial visit, we had the enriching opportunity to explore Sanray Laboratories, where we gained valuable hands-on exposure to various pharmaceutical evaluation techniques and sample preparation methods. The session was both informative and engaging, offering us a deeper understanding of key analytical instruments such as High-Performance Liquid Chromatography (HPLC), Gas Chromatography (GC), and Infrared (IR) Spectroscopy. The experts at the lab not only explained the working principles of these instruments but also highlighted the latest technological advancements in the field.

We also observed the tablet evaluation process and familiarized ourselves with essential laboratory equipment, including the Brookfield Viscometer, Friability Apparatus, and pH Meter. A major highlight of the visit was learning the professional handling of sophisticated instruments, with a strong emphasis on accuracy, precision, and adherence to industry standards.

This visit was a highly educational experience, offering practical knowledge of analytical techniques, instrument handling, and quality control practices that are vital in the pharmaceutical industry.



## Evening Visit to NTR Gardens & Hussain Sagar

After we visited Sanray Laboratories, we visited NTR Gardens, where we spent a delightful evening enjoying its beautiful landscapes and recreational attractions. We experienced fun rides and explored the Scary House, which added an exciting thrill to our visit. From the gardens, we also had a scenic view of Hussain Sagar Lake, enhancing the experience with its serene beauty. To complete the evening, we enjoyed delicious food from the local stalls. This visit provided a perfect mix of adventure, relaxation, and fun, making it a memorable end to the day!



# DAY - 5

## Industrial Visit to Ciro Pharmaceuticals – Insight into Oncology and Soft Gelatin Manufacturing

On Day 5, students visited Ciro Pharmaceuticals, where they explored two key departments currently under operation: Oncology and Soft Gelatin Capsules. This visit offered in-depth exposure to specialized pharmaceutical manufacturing practices.

In the Oncology division, students gained insights into critical process parameters, including warehousing, production, storage, dispensing, and export logistics. They observed live demonstrations of essential instruments and learned about the stringent sterility protocols maintained. These included the use of the Cross Over Bench, De-Dusting Chamber, Laminar Flow Chamber, Class D Environments, Dynamic Pass Box, and Static Pass Box.

In the Soft Gelatin Capsules department, students witnessed the encapsulation process and studied the functioning of various machines used in gelatin capsule production. They were introduced to both primary and secondary packaging methods, along with labeling techniques employed in the pharmaceutical industry. The team also presented some of their current products, such as Vitamin B12, Vitamin E, and Simethicone capsules.

Overall, the visit offered valuable industry exposure, enhancing the students' understanding of sterile manufacturing environments, quality control measures, and large-scale capsule production methodologies.



## AFTERNOON SESSION AT BELL PHARMACEUTICALS – EXPLORING LIQUID DOSAGE MANUFACTURING

In the afternoon session, the students were taken to BELL Pharmaceuticals, where they gained insights into the manufacturing of liquid dosage forms, including syrups and suspensions. This session provided a practical understanding of production processes in the liquid formulation sector.

The students observed a variety of equipment used for mixing, boiling, and preparing suspensions. They learned about both automated and semi-automated machinery, along with the benefits and limitations of each system. The team also demonstrated the use of the hatch door system, designed for safely discarding rejected materials that do not pass quality checks. In addition, the students explored the labeling, dispensing, and packaging processes for liquid orals, all aligned with industry regulations. They were introduced to filtration systems specific to liquid formulations and taken through the storage areas where raw materials are kept post-quarantine, ensuring full compliance with quality standards before use.

Toward the end of the session, the students were shown some of the company's in-house manufactured products, which offered a hands-on perspective of commercial pharmaceutical production. This visit offered valuable exposure to formulation practices, quality assurance, filtration processes, and large-scale manufacturing in the liquid dosage domain, making it an enriching and informative experience.



# Exotic Visa (Dream to Fly)

## A Gateway to Global Opportunities for B Pharm & Pharm D Graduates

On 19-03-2025, Vikas Institute of Pharmaceutical Sciences had the privilege of hosting an enlightening session by Exotic Visa (Dream to Fly) — an initiative dedicated to guiding pharmacy graduates towards international education and global career opportunities.

The session primarily focused on students who are academically driven but financially constrained, offering them structured guidance on securing scholarships and shaping their professional journey. They also introduced part-time work opportunities, including:

- ◆ Graduate Assistant (GA) – Assisting professors with academic responsibilities.
- ◆ Research Assistant (RA) – Engaging in lab-based or research-driven roles.
- ◆ Service Assistant (SA) – Working in university service departments.



Additionally, the speakers addressed student queries regarding applications, study visas, and career prospects, ensuring clarity on the process of pursuing higher education overseas.

At the conclusion of the session, Dr. T. Bharat Vikas, Secretary of Vikas Institute of Pharmaceutical Sciences, felicitated the guest speakers, appreciating their efforts in enlightening students about global opportunities and financial aid options.

This initiative has undoubtedly inspired many students to dream bigger and work towards achieving success on an international platform.



APRIL 2024-APRIL 2025



APRIL 2024 - APRIL 2025

# ***STUDENT ACHIEVEMENTS***

APRIL 2024 - APRIL 2025



APRIL 2024-APRIL 2025





Congratulations to Mr.Hemanth for achieving 1<sup>st</sup> Place at the "International Symposium on Sustainable Drug Design and Nanoparticle Development: Quantum and Computational Perspectives", held on 22 & 23 January, 2025, organized by Nirmala College of Pharmacy (Autonomous), Mangalagiri, Guntur, Andhra Pradesh, India.



Congratulations to M.V.A.N. Varun Sharma from Vikas Institute of Pharmaceutical Sciences for securing the III prize in the Poster Presentation at the International Conference on 'Bridging Borders: Exploring Emerging Opportunities in Global Healthcare' was held at Marri Laxman Reddy Institute of Pharmacy. Your hard work and dedication are truly commendable. Keep shining and achieving more!



Heartiest congratulations to T. Santhi Vardhini for securing the Silver Medal in the Karate (U-19 girls ) event at the State School Games Federation of Andhra Pradesh! Your dedication, hard work, and sportsmanship have truly set a great example for aspiring athletes. This achievement reflects your perseverance and passion for the sport. Wishing you continued success in all your future endeavors. Keep making us proud!



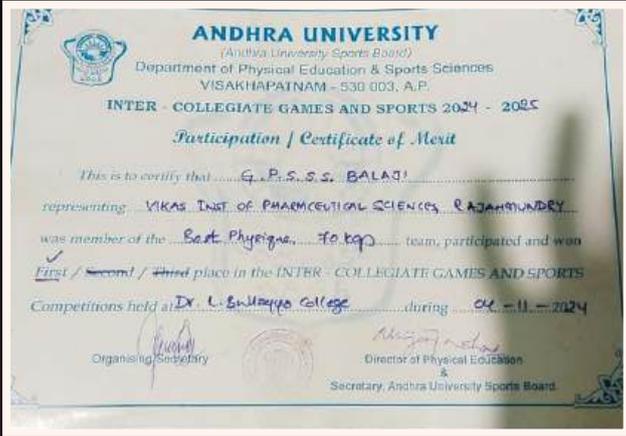
The dance performance at FAPA 2024 was a mesmerizing display of grace, energy, and artistic expression. Every movement captivated the audience, leaving them in awe of the performers' talent and dedication. The seamless synchronization and vibrant choreography added charm to the event, making it a truly unforgettable experience. The elegance and passion with which the dancers performed showcased their hard work and creativity. Their expressions and rhythm spoke volumes, conveying emotions beyond words. Such a performance is a testament to the excellence and artistry that FAPA stands for.



Beeraka. Poorna Naga Venkateswari represented East Godavari District in the 64th School Games Federation, where she showcased exceptional athleticism and team spirit. Her remarkable performance led her to secure 1st place in rugby at the district level. Her dedication and passion for the sport have not only brought honor to her district but also serve as an inspiration to aspiring athletes. With this achievement, she continues to pave the way for future successes in her sporting journey.



Sunny Babu Rekha represented East Godavari District in the Athletics Federation of India event, showcasing exceptional talent and determination. He further proved his excellence by securing 1st place in the 800m race at the East Godavari District - Sports Meet. His dedication, hard work, and passion for athletics have set a remarkable example, inspiring young athletes to strive for success. With his outstanding performance, he continues to bring pride to his district and aims to achieve greater heights in the field of sports.



G.P.S.S.S. Balaji, representing Vikas Institute of Pharmaceutical Sciences, Rajahmundry, showcased outstanding performance in the Andhra University Inter-Collegiate Games and Sports 2024-25. Competing in Best Physique – 70 kg, he demonstrated exceptional skill and determination, securing a remarkable position in the competition held at Dr. Lankapalli Bullayya College.

His dedication and sportsmanship serve as an inspiration to fellow students.



K. Jyothi, a talented classical dancer, showcased her grace and dedication, earning a well-deserved prize. Her mesmerizing performance captivated the audience and judges alike. With elegance and passion, she brought classical dance to life on stage. This remarkable achievement is a testament to her hard work and artistry.

Wishing her continued success in her dance journey!



Heartiest congratulations to Grace Violet for her remarkable achievement in the International Symposium on Sustainable Drug Design and Nanoparticle Development. Her insightful presentation on "The Lasting Impact of COVID-19" reflects her deep understanding, research excellence, and commitment to pharmaceutical sciences. A true inspiration, she has brought immense pride to Vikas Institute of Pharmaceutical Sciences through her dedication and intellect. Her hard work and passion have earned her well-deserved recognition on an international platform.



Karri Hema Nirmala Reddy showcased her exceptional talent and dedication by participating in ASMITA Khelo India, where she demonstrated remarkable skill in Artistic Yoga. Competing at the South Zone Level, she secured an impressive 3rd place, reflecting her hard work, discipline, and passion for the sport. Her achievement stands as an inspiration to aspiring yoga practitioners, encouraging them to pursue excellence in the field of yoga and beyond.



APRIL 2024-APRIL 2025



# ***STUDENT EXPERIENCES***



APRIL 2024-APRIL 2025

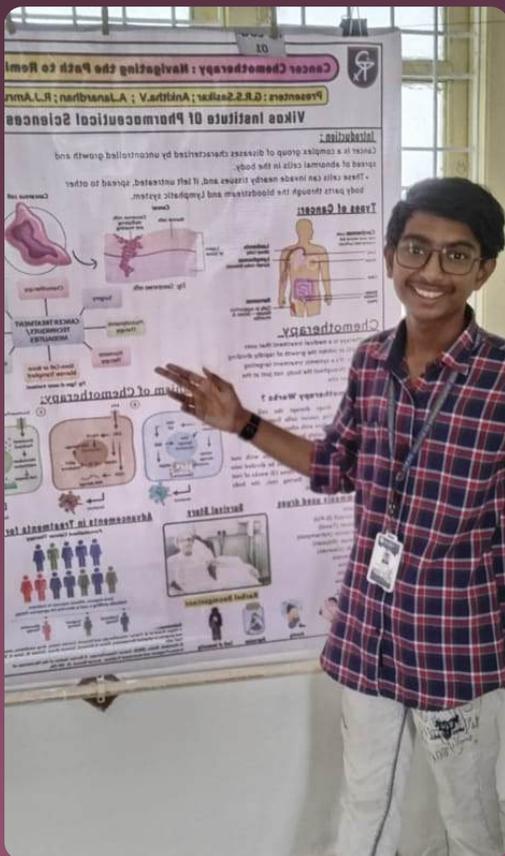


# G.R.S.SASIKAR

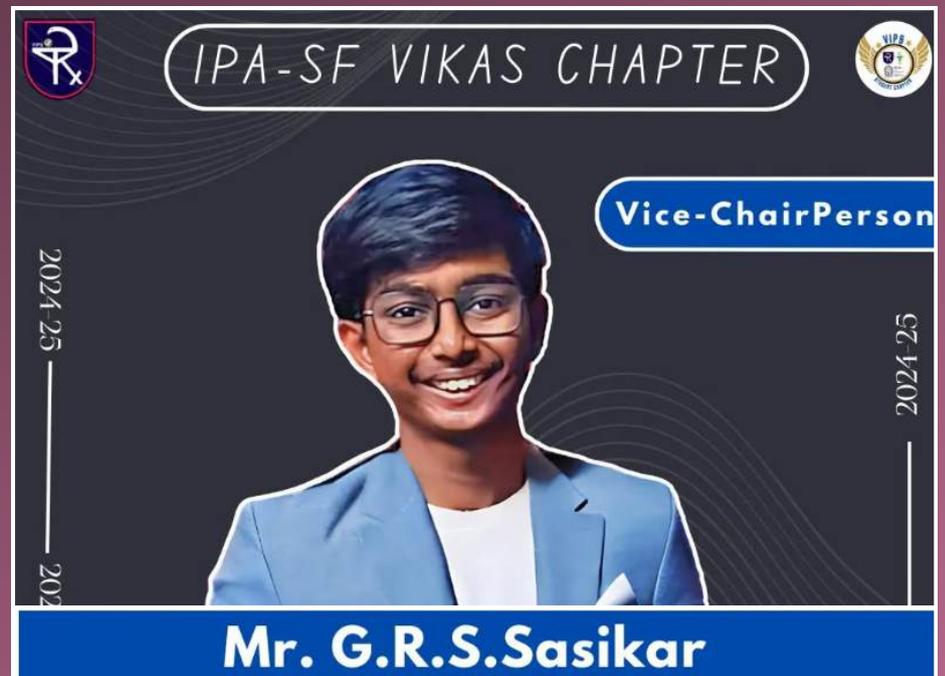
**More Than Just Academics — A Journey of Self-discovery and Excellence.**

This journey wouldn't have been possible without the guidance and support of my mentors. My favorite senior, Vishnu Priya, introduced me to this path, while my big brother, Sainath Chary (Former president of IPA-SF), guided me at every step. My constant support system, Varun Sharma, Ms. Komali, My team, My mentors, and the encouragement of our Principal and Secretary have played a crucial role in shaping my experience at VIPS.

I stepped into VIPS driven by academic ambition, honing my strengths, but I am walking out with a heart driven by leadership, event management, and creative expression. Grades marked my early journey at VIPS, but IPA-SF served as the stepping stone that propelled me into leadership, event coordination, and impactful experiences.



This year, I had the honor of serving as the Vice Chairperson of the student wing, allowing me to contribute significantly to student activities.



Through IPA-SF, I participated in several prestigious events and competitions across the country, including:

IPA-SF Student Congress in Haryana (2024) – Handled technical and editing responsibilities.  
Vaccination Program in Mumbai (BCP College) – Became one of the 85 certified members authorized to administer vaccines.

Poster Presentations and Quiz Competitions – Participated and received appraisals in cities like Kakinada, Bangalore, Haryana, Hyderabad, and Rajahmundry.

Hackathon 2023 in Bangalore – Secured 2nd place at the National level.

Hackathon 2024 – Actively participated.

Volunteering at the prestigious 73rd IPC event in Hyderabad – Managed mostly the technical and editing aspects.

Additionally, I had the privilege of moderating several events of IPA and IPA-SF, ensuring smooth execution and engagement among participants.



I am honored to serve as the **Chairperson of Projects for the IPA-SF Organization**, where I oversee and manage the editing of posts across all IPA-SF channels to ensure high-quality content and engagement. I also contribute to the **IPA Community Pharmacy Division**, working to enhance the value and impact of pharmacists. Beyond these roles, the friendships I built over the past four years have taught me invaluable lessons. To my dear seniors and juniors — thank you for guiding me, sharing fun moments, and standing by me! I am deeply grateful for the learning, friendships, and growth I have experienced, and I look forward to continuing my journey and making a meaningful impact in the pharmacy profession.



APRIL 2024-APRIL 2025



# **FACULTY SPOTLIGHT**



APRIL 2024-APRIL 2025



# DR.D.SRINIVASA SASTRY

( Professor, Department Of Regulatory Affairs )

The environment in this institution has a positive atmosphere, it provides stimulating alertness, creativity, and desire for learning.

I am fortunate enough to be associated with this college. The Management encouraged and supported in my Research and publications. I like the friendly atmosphere we have between colleagues.

This institution is renowned professionally for the quality of teaching and learning. The teaching faculty in this institution is highly qualified and well-experienced in training pharmacy students. The institution is equipped with well-maintained laboratories with the latest sophisticated instruments and equipments.

All classrooms are provided with LED projectors and good infrastructure. The college has well equipped central library with all modern facilities. The college is also provided with excellent hostel facilities for both boys and girls separately with all modern facilities. Wi-Fi facility is available on entire campus. Every student staff all other working people are considered as family.

This is the best part of this college. Students enjoy coming to this college they are given hands on training in everything they learn in class room. They are given practical knowledge. They are given encouragement and support both in academic and cultural activities.

They are encouraged to attend conference seminars workshops and also taken to industrial tours. Every year placement cell ensures each and every student is well placed in different MNCs This institution is continuously striving to be center of excellence in Pharmacy education, Research and Pharmacy practices services both National and International level.



# MR. B. V. B. BALAJI

( Associate Professor, Department Of Pharmacy Practice )

I am honored to be a part of Vikas Institute of Pharmaceutical Sciences, an institution dedicated to academic excellence and holistic student development. VIPS provides a nurturing environment where quality education, innovation, and personal growth are prioritized.

Our highly skilled and passionate faculty ensure that students receive industry-relevant education, fostering creativity and critical thinking. The curriculum is regularly updated to align with emerging trends, preparing students for successful careers.

Beyond academics, VIPS promotes a supportive and inclusive campus culture. Faculty and staff provide academic guidance, career support, and mentorship. The college also encourages extracurricular activities, leadership development, and community engagement. State-of-the-art facilities, modern classrooms, and dedicated research spaces create an inspiring learning environment.

Working as an Associate Professor in the Department of Pharmacy Practice for more than a decade has been a rewarding experience. VIPS is a vibrant institution that values collaboration, continuous learning, and professional growth. The management plays a key role in fostering a positive and motivating work culture, ensuring faculty have access to the best resources.

The institution's emphasis on respect, teamwork, and excellence makes it a great place to learn and grow. Being part of VIPS has strengthened my passion for education, and I look forward to contributing further to its success.



# DR. B. MADHU HARIKA

( HOD, Department Of Analysis)

**They say that “Time and Tide wait for none”**

**But as time flies by it leaves a path of memories to cherish.**

**As I stand on the threshold of a new beginning, it seems like looking back in time, where a flood of memories bring forth a journey that showcases a transformation within me. Before entering the gates of VIPS.**

**I was one amongst the crowd who believed in the outer beauty of the world, but slowly this journey of seven long years has transformed me into a poised academician who looks beyond the outer shine. This institute has filled me with courage, given me confidence to follow my heart and ample of opportunities to shine and nurture my talents.**

**The support I received from the management, Principal and colleagues is immeasurable which made my professional journey a path of roses.**

**It gives me pleasure to write this message and wish the final year students all the very best in life ahead and to come with a bright career.**

**May you achieve success in all your future endeavors.**



# P. GEETHA BHAVANI

( Associate Professor, Department Of Pharmaceutical Chemistry)

I began working at VIPS on October 1st, 2008, as a lecturer with a B.Pharm., and later, with Dr. T.V. Narayana's help, I finished my M.Pharm., and I am currently pursuing a Ph.D. The VIPS building was opened in 2008. I was the only female faculty member, and there were ten male faculty members.

Physical pharmacy was the first subject I taught, and then handled various subjects in the chemistry department. I want to spend more time at VIKAS College than at home because I feel it's like a family. Along with being a lecturer, I also served as the APTICON conference's anchor and as the in-charge of the exam cell and hospitality.

In Hyderabad, Nagpur, and Odisa, I have displayed posters for international conferences. Under the direction and blessings of Dr. K.P.R. Chowdary, served as an evaluator at the 10th National IPASF, which took place at VIKAS, and Dr. T.V.N. Narayana, the director of VIPS, provided the opportunity to serve as an evaluator at the 72nd IPC, which took place at Nagpur University.

I completed numerous paper publications, and participated in conferences, webinars, seminars, IPC, IPASF, and garden parties with the help of our Principal, Dr. G. Sumalatha mam. I have memorable experiences with students while teaching a class and paper corrections. Every moment spent at VIKAS was lovable, exciting, and unforgettable.

I am grateful to God for providing me with the chance to work at this institute under the guidance of Dr. T. V. Narayana, Dr. T. Bharat Vikas and Dr. G. Sumalatha.





# DR. R. VISHNU PRIYA

A Journey of Passion, Perseverance, and Purpose - Vishnu Priya Rachakonda



Six years ago, I embarked on a journey that would shape not just my career but also the person I am today. Pursuing my Doctor of Pharmacy at Vikas Institute of Pharmaceutical Sciences (VIPS) was more than just an academic pursuit—it was a transformative experience that molded my skills, strengthened my vision, and instilled in me a deep sense of purpose in the field of healthcare.

Throughout these six years, I embraced every challenge and opportunity that came my way. Representing VIPS at various conferences expanded my knowledge beyond textbooks, exposing me to groundbreaking advancements in the pharmaceutical world. My involvement with the Indian Pharmaceutical Association Student Forum (IPASF) honed my leadership abilities, teaching me the importance of collaboration and advocacy in healthcare.

The hands-on clinical experience I gained while studying played a crucial role in shaping my practical knowledge and preparing me for real-world patient care. This experience became even more valuable when I secured a role during the COVID-19 pandemic, where I had the opportunity to contribute meaningfully in a time of crisis. Additionally, participating in the Vaccination Training Program by FIP and IPA in collaboration and completing a Basic Life Support (BLS) program reinforced my commitment to patient safety and public health.

As my journey continued, I discovered a new passion at the intersection of healthcare and technology. Exploring the digital world through the Metaverse Hackathon program and visiting the Movella unit opened my eyes to the future of healthcare innovation. Standing as runner-up for two consecutive years (2022 & 2023) in the Metaverse Hackathon was a testament to my evolving interest in leveraging technology for better healthcare solutions. They have shaped my aspirations and led me toward my next chapter—pursuing a Master's in Health Information Technology in the USA.

As I step into the future, I carry with me the knowledge, resilience, and values instilled by my time at VIPS. A special and heartfelt thank you to Dr. T. V. Narayana sir, Dr. G. Sumalatha ma'am, Dr. Muralidhar sir, Mr. Balaji sir, Dr. John, Dr. Sathish sir, Dr. Bharat Vikas sir and all the faculty members and my dear friend Dr. Sainath Chary Gannoji—Your mentorship has been the cornerstone of my journey, and I will forever be indebted to your guidance and belief in me.

Six years ago, I was a student with a dream. Today, I am stepping into a future where that dream is becoming a reality. Thank you, VIPS, for shaping the person I am today.

# T. TAGORE

A Journey of Knowledge and Support: My Experience at VIPS College



Education is about mentorship, guidance, and a nurturing environment. My journey at Vikas Institute of Pharmaceutical Sciences (VIPS) has been transformative, shaping my academic and professional aspirations. The unwavering support from faculty played a crucial role in my success in GPAT, NIPER, and APPGECET.

From the start, I received mentorship from dedicated professors. Their teaching methods and practical guidance enriched my understanding of pharmaceutical sciences. Through interactive lectures and hands-on training, they ensured we were well-prepared to excel.

VIPS provided an academic ecosystem fostering research, discussions, and collaborative learning. Workshops, guest lectures, and competitive exam preparation bridged the gap between theory and application. Well-equipped labs and library resources further enhanced learning.

My exam preparation was strengthened by structured guidance, study plans, and individual attention. Mock tests, doubt-clearing sessions, and previous question discussions were crucial to my success.

I owe my achievements to my professors and academic staff. Their encouragement inspired me to strive for excellence. I am grateful to the Director, Principal, Secretary, and VIPS fraternity for fostering academic excellence and holistic growth.

Currently, I am pursuing my Master's in Pharmacy at Andhra University. The strong foundation at VIPS has given me confidence in advanced research and pharmaceutical sciences. My experience instilled values of hard work, dedication, and perseverance.

I cherish the memories and lessons learned at VIPS. My heartfelt gratitude goes to my mentors, peers, and everyone who contributed to my success. I hope future students continue to benefit from VIPS' exceptional education and support.

With determination and the right guidance, success is a continuous journey of learning and growth.



# DR. B. VAISHNAVI

VIPS shaped me, Success embraced me....



Reflecting on my journey as a Doctor of Pharmacy at Vikas Institute of Pharmaceutical Sciences fills my heart with gratitude and purpose.

This transformative experience provided me with not only rigorous academic training and practical skills but also a nurturing environment where compassionate mentors and supportive peers inspired me to exceed my own expectations. The lessons I learned—of integrity, perseverance, and heartfelt service—continue to guide me every day.

As I carry these values forward into my professional life as a Medical Devices Complaints Specialist at 4C Pharma Solutions, Hyderabad, I remain deeply thankful for the unforgettable memories and enduring wisdom that have shaped who I am. In every challenge I face, I feel the warm, lasting influence of Vikas Institute—a beacon of inspiration lighting my path toward making a meaningful difference in the world.

Beyond academics, the institute instilled in me the importance of continuous learning and adaptability in the ever-evolving pharmaceutical field. The practical exposure and hands-on experience gained during my Pharm.D. journey have proven invaluable in my current role, allowing me to approach challenges with confidence and competence.

The friendships and connections built during those years continue to be a source of motivation and support in my professional life. I take pride in being an alumnus of an institution that emphasizes both knowledge and ethical responsibility. With every step forward in my career, I strive to uphold the values and excellence that Vikas Institute has ingrained in me.

I am committed to contributing to the healthcare industry with the same passion and dedication that my alma mater instilled in me. The foundation laid at Vikas Institute has empowered me to face complex medical challenges with a problem-solving mindset and a patient-centric approach.

I hope to inspire future pharmacy professionals by sharing my experiences and guiding them toward fulfilling careers.

As I continue my professional journey, I remain grateful for the unwavering support and encouragement that shaped me into the person I am today.

# T. BHARGAV REDDY

**VIPS: The Foundation of My Success**



My time at VIPS College has been a transformative journey of learning, growth, and self-discovery. The interactive learning environment deepened my understanding of pharmaceutical sciences, while research assignments sharpened my analytical and problem-solving skills.

Beyond academics, the college provided opportunities for personal development. Participating in extracurricular activities, student organizations, and leadership roles helped me build teamwork and communication skills.

Friendships formed during college have been invaluable. The bonds created through shared experiences, group studies, and late-night discussions made my time at VIPS truly memorable and rewarding.

VIPS fostered academic excellence with well-equipped laboratories, an extensive library, and insightful guest lectures by industry experts. This exposure bridged the gap between theoretical knowledge and real-world application.

The college also encouraged career development through internships, workshops, and networking with professionals. These experiences provided valuable insights into the pharmaceutical industry and shaped my aspirations.

I will always cherish the lessons and memories from VIPS. The unwavering support from my mentors, peers, and the academic community has been instrumental in my journey. I am deeply grateful to the Director, Principal, Secretary, and the entire VIPS fraternity for fostering an enriching academic atmosphere that shaped my future.

My heartfelt appreciation goes to everyone who contributed to my growth. I hope future students continue to benefit from VIPS exceptional education and guidance.

With dedication and the right support, success is not just a goal but a lifelong journey of learning and self-improvement.





APRIL 2024-APRIL 2025



# ALUMNI ACHEIVEMENTS



APRIL 2024-APRIL 2025





**DR. KOPPINEEDI  
DHANAVARDHAN**

Proprietor and Clinical  
Pharmacotherapist at  
Dhanavardhan's Nursing Home



dhanavardhan994@gmail.com

**G. TEJA VARDHAN**

Healing pharma tech Pvt. Ltd.  
W.H & F.G Head



tejagaddipati999@gmail.com





# MRS. SANDHYA RANI PENDYALA

CLINICAL RESEARCH COORDINATOR

Company- Michigan Medicine  
University of Michigan  
Hospitals



sandhyapendyala1999@gmail.com

# DR.V.DHARMA SAI

Co-founder,  
Managing Director and  
Operations lead in  
Medifodil.



medifodilsps@gmail.com



**APRIL 2024-APRIL 2025**



# **CLASS TOPPERS**



**APRIL 2024-APRIL 2025**



# I B.PHARM



**Ch. Amulya**

GPA: (8.95)



**S. Jyothi**

GPA: (8.79)

# II B.PHARM



**V. Prasanna Latha**

GPA: (9.25)



**A.S.V. Gangothri**

GPA: (9.17)

# III B.PHARM



**G.Poornima**

GPA : (8.72)



**K.Sravani**

GPA : (8.63)

# IV B.PHARM



**S.Sai Nikitha**

GPA : (8.99)



**L.Sardhika**

GPA : (8.81)

# I PHARM D



**D. Devi Vaishnavi**

Marks- 924



**Davuluri Jesriraj**

Marks- 924

# II PHARM D



**Sameera Arangi**

Marks- 802



**Likitha**

Marks- 780

# III PHARM D



**P.Lohita Priya**

Marks-986



**Ch.Pooja sri**

Marks-964

# IV PHARM D



**M.Deena Kumari**

Marks-971



**Ch.Hema**

Marks-969

# V PHARM D



**N. Naganjali**

Marks -426



**V. Isaac**

Marks- 425

# VI PHARM D



**B. Vaishanvi**

89%



**R. Vishnu Priya**

88%



APRIL 2024-APRIL 2025



# ARTICLES



APRIL 2024-APRIL 2025



# Pulmonary Emphysema Reduced Alveolar Re-Epithelialization

## Abstract :

Alveolar type II (ATII) cells are progenitor cells found in alveoli that have the ability to regenerate damaged alveolar epithelium. For the purpose of maintaining alveolar epithelial cell homeostasis and re-epithelialization, they are entangled with the microenvironment. Many transcription factors, mediators, ATII cell habitats, and signaling pathways combine to provide a specific environment that regulates ATII cell activity. The precise process underlying the proliferation and differentiation of ATII cells is yet unknown, however it is known that WNT/ $\beta$ -catenin, YAP/TAZ, NOTCH, TGF- $\beta$ , and P53 signalling pathways in particular are actively involved. However, people with pulmonary emphysema exhibited an imbalance between proliferation and death of alveolar cells, contributing to the alveolar wall's disintegration and decreased gas exchange. The principal cause of this disease's development is oxidative stress, which is brought on by cigarette smoking. In emphysema, aberrant oxidative stress and inflammatory reactions lead to ATII cell dysfunction and a loss of cell homeostasis.



**L.N.V.V.S.VINAYAK LINGOLU**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



Get the full insights! Just scan  
or tap the QR Code.

## A Systematic Review on Post Covid-19 Complications and Risk Factors

That should be because the COVID-19 pandemic has been very crucial to society, global health, and the lives of all human beings, underscoring the feature of a viral germ leading to infirmities of a serious nature that still affect several sick people even beyond the acute phase of infection. This review is intended to be a lighthouse regarding the risk factors and possibly associated outcomes of several post-COVID-19 issues affecting recovered patients.

Respiratory system— Persistent cough, chronic respiratory insufficiency, and pulmonary fibrosis are examples of post-COVID-19 consequences that can impair long-term respiratory function. The current research also identifies a significant association between COVID-19 and deleterious cardiovascular effects, including myocarditis, heart failure, and thromboembolic events that are also studied as part of the cardiovascular consequences. The neurological manifestations of encephalopathy, stroke, persistent cognitive impairment, and mental health concerns deserve broad consideration.



**M.ANAND KISHORE**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



Get the full insights! Just scan  
or tap the QR Code.

## Reliability of Persistent Pulmonary Hypertension in Neonates Exposed to SSRIS and SNRIS During Pregnancy - A Review

### Abstract :

Persistent pulmonary hypertension of the newborn (PPHN) is a rare but serious condition that can develop shortly after birth, characterized by elevated pulmonary vascular resistance leading to compromised oxygenation. There has been evidence of a link between PPHN and antidepressant use during pregnancy. Our aim was to look into this relationship to assess this association, a study of the review literature was done [1]. A preliminary search on the PubMed, Medline, EMBASE, Web of Science, and Google Scholar databases produced the following results. A comprehensive evaluation was conducted on nine cohort and case-control studies, totalling seven hundred and forty-two thousand individuals. Only three of the six published studies that met our inclusion criteria were big enough to have the ability to find an association [2]. In two large cohort studies (OR 2.1 (95% CI, 1.5-3.0) and one case-control study (OR 5.1 (95% CI, 1.9-13.3), there appears to be a minor but significant elevated risk of late pregnancy SSRI exposure associated with PPHN.



**M.DEENA KUMARI**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



Get the full insights! Just scan  
or tap the QR Code.

## Unveiling Facts about Ocimum Herb's Impact on Human Welfare

Ocimum Sanctum is an Ayurvedic herb commonly called Tulsi or holy basil. The plant has a long history of traditional medicine. In India, Tulsi is worshiped by Hindus and is abundant in all regions. Its aromatic leaves are simple, opposite, elliptic, oblong, obtuse, or acute, with whole, substrate, or dentate edges, and can grow up to 5 cm long. Each part of the plant, such as stems, roots, seeds, leaves, flowers, and fruits, has medicinal properties and functions, which many scientists have reported. Various active chemical ingredients; terpenoids, phenols, flavonoids, phenylpropanoids, fatty acid derivatives, essential oils, fatty oils, and steroids, are extracted from the plant Ocimum sanctum and have excellent therapeutic effects. Tulsi provides a wide range of therapeutic benefits and no negative side effects. The therapeutic effect of Tulsi compounds restores their healing focus and normalizes the results of medicines. Eugenol, oleanolic acid, linalool, ursolic acid, beta-caryophyllene, and methyl cinnamate are the main compounds that cause various diseases.



**S.ASHOK**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



Get the full insights! Just scan  
or tap the QR Code.

# A Comprehensive Review on the Nanotechnology-based Intranasal Drug Delivery Systems for Brain Targeting

## Abstract :

Intranasal drug delivery has emerged as a promising non-invasive route for targeting the central nervous system, bypassing the blood-brain barrier and minimizing systemic side effects. Recent advancements in nanotechnology-based intranasal delivery systems have shown potential to enhance drug bioavailability, improve brain targeting, and overcome limitations associated with conventional delivery methods. Various nanocarrier systems, including liposomes, solid lipid nanoparticles, polymeric nanoparticles, and dendrimers, possess unique properties applicable to nose-to-brain drug delivery. The anatomical and physiological considerations of the nasal cavity, particularly the olfactory and trigeminal nerve pathways, provide direct routes to the brain. Biocorona formation on nanoparticles significantly impacts drug pharmacokinetics and distribution. Different nanocarrier systems offer distinct advantages and limitations, particularly in enhancing drug solubility, mucoadhesion, and cellular uptake. Stimuli-responsive and targeted nanocarriers have shown promise for improved spatiotemporal control of drug release. However, challenges remain in translating these nanotechnology-based approaches from bench to bedside, including toxicity concerns, scalability, and regulatory considerations. The current state of nanotechnology EMBASE, Web of Science, and Google Scholar databases produced the following results.



**JUPITER SANA**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



📄 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

## A Methodology for Solving 3D Matrix Games with Triangular Intuitionistic Fuzzy Payoffs and it's Application

The decision criteria for three dimensional matrix games with Triangular Intuitionistic fuzzy(TIF) payoff values are presented in this study. Using a enhanced ranking algorithm, the payoff matrix with TIF payoffs is transformed into a crisp payoff matrix. The transformed matrix is solved by Laplace, Wald ,Hurwicz and Savage criteria which are also improved for TIF numbers. Lastly the suggested approach is applied in the agriculture sector.



**ILLA . AMRUTHA**  
**DEPT OF REGULATORY AFFAIRS**  
*Vikas Institute of Pharmaceutical Sciences*



📄 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

# A Study on Epidemic Diseases in Multispecialty Health Care System

## Abstract :

**Aim:** To evaluate, over a certain time period, the prevalence and distribution of epidemic diseases among patients admitted to the District Hospital, Rajahmundry. Over the course of six months, a Prospective observational method was used to conduct a study on the prevalence of a certain disease and its co-morbidities. There are multiple diseases with different clinical spectrums, and among them, different risk factors may likely be helped out. This is a prospective epidemiological study carried out at the 500-bed super specialty government hospital known as the Tertiary care Teaching Hospital. The six-month study period from November 2023 to April 2024 was dedicated to assessing the cases for epidemically. From the patient's case survey, demographic and diagnostic information for Patients below 20 years to above 81 years gathered and divided into 8 different groups. To find out how often epidemic diseases are overall among patients who are admitted to Rajahmundry District Hospital. List the specific epidemic diseases that hospital patients are most frequently diagnosed with. Examine the seasonal differences in the prevalence of diseases that are spreading. The illnesses with the highest prevalence were Dengue, Malaria, Influenza, HIV/AIDS, and renal Severe Acute Respiratory Syndrome (SARS), respectively.



**A.SARADA**  
*Vikas Institute of Pharmaceutical Sciences*  
*5th Year Pharm D*



📱 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

## Blau Syndrome: Key Insights into a Unique Autoinflammatory Disorder

Blau syndrome is one of the sporadic auto inflammatory disorders recapitulating early-onset granulomatous inflammation of the skin, joints, and eyes. This hereditary condition is caused by a mutation in the NOD2/CARD15 gene, leading to an imbalance of the innate immune response. A nearly age of onset characterizes the disease known as Blau syndrome, specifically prevailing before age 4 years. Blau syndrome is characterized by a clinical triad that includes granulomatous dermatitis, symmetric polyarthritis, and recurrent uveitis. Skin involvement consists of small, brownish papules or small plaques. The major joints involved in the wrists, ankles, and hands are affected by arthritis, which can be deformed unless treated. Uveitis may also be severe and may lead to blindness in some cases if left untreated. Diagnosis typically requires a combination of clinical presentation, histopathology, and DNA analysis. Histo-pathological examination usually reveals non-caseating granulomas in skin biopsies.



**M.NAVEEN**  
*Vikas Institute of Pharmaceutical Sciences*  
*4th Year B.Pharm*



📱 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

## A Comprehensive Insight into Breast Cancer: Risks, Pathophysiology, Awareness, and Prevention

Blau syndrome is one of the sporadic autoinflammatory disorders recapitulating early-onset granulomatous inflammation of the skin, joints, and eyes. This hereditary condition is caused by a mutation in the NOD2/CARD15 gene, leading to an imbalance of the innate immune response. An early age of onset characterizes the disease known as Blau syndrome, specifically prevailing before age 4 years. Blau syndrome is characterized by a clinical triad that includes granulomatous dermatitis, symmetric polyarthritis, and recurrent uveitis. Skin involvement consists of small, brownish papules or small plaques. The major joints involved in the wrists, ankles, and hands are affected by arthritis, which can be deformed unless treated. Uveitis may also be severe and may lead to blindness in some cases if left untreated. Diagnosis typically requires a combination of clinical presentation, histopathology, and DNA analysis. Histo-pathological examination usually reveals non-caseating granulomas in skin biopsies.



**K. T. S. GAYATRI**  
*Vikas Institute of Pharmaceutical Sciences*  
*4th Year B.Pharm*



📱 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

## Hyptis suaveolens: A Comprehensive Review of Its Phytochemistry, Pharmacology, and Therapeutic Potential

*Hyptis suaveolens*, commonly known as bush mint or pignut, is a fast-growing aromatic plant widely distributed across tropical and subtropical regions. It has been extensively studied for its rich phytochemical composition and diverse pharmacological activities. This review provides a comprehensive analysis of the phytochemical constituents, including flavonoids, terpenoids, alkaloids, and essential oils, that contribute to its wide spectrum of biological activities. The pharmacological properties of *H. suaveolens*, such as antimicrobial, antioxidant, anti-inflammatory, anticancer, and neuroprotective effects, are critically examined with insights into underlying mechanisms. Additionally, the therapeutic potential of this plant in traditional and modern medicine is discussed, highlighting its possible applications in drug development. Despite its promising bioactivities, challenges such as toxicity concerns, standardization of extracts, and clinical validation need to be addressed. This review aims to provide a consolidated understanding of *H. suaveolens*, emphasizing its significance in pharmacognosy and future therapeutic applications.



**ANKITHA.VASUPILLI**  
*Vikas Institute of Pharmaceutical Sciences*  
*4th Year B.Pharm*



📱 Get the full insights! Just scan  
📷 or tap 🖱️ the QR Code.

## Exploring the Impact of comorbidities on Ischemic Heart Disease: A Comprehensive Review

Ischemic heart disease (IHD) is a complex disorder that is impacted by a few chronic illnesses. This systematic review aims to compile the most recent data regarding the relationship between IHD and diabetes, atherosclerosis, thyroid issues, and hypertension. The findings demonstrate that many long-term illnesses share pathophysiological processes, such as oxidative stress, inflammation, and endothelial dysfunction, which considerably raise the risk of IHD. There was a complex link between thyroid problems and IHD, whereas diabetes, atherosclerosis, and hypertension were found to have a synergistic influence on IHD risk. To reduce the risk of IHD, this review emphasizes the need to take into account the interactions between various chronic illnesses and IHD, stressing the necessity of early detection, efficient care, and lifestyle changes.



**M.HEMA NAGA DURGA**  
*Vikas Institute of Pharmaceutical Sciences*  
4th Year B.Pharm



Get the full insights! Just scan  
or tap the QR Code.

## PHARMACOLOGICAL ACTIVITIES OF SENNA OCCIDENTALIS (CASSIA OCCIDENTALIS)

A pantropical weed with a traditional medical history, senna occidentalis has attracted scientific attention due to its wide range of pharmacological characteristics. This paper summarizes what is currently known about senna occidentalis, including its rich phytochemical profile (which includes flavonoids, tannins, anthraquinones), botanical traits and traditional uses. We examine its documented bioactivities, which are backed by both in-vitro and in-vivo research and include antibacterial, anti-inflammatory, anti-diabetic, nephroprotective and anti-convulsant properties. Although the results point to the possibility for treatment for senna occidentalis, known toxicity demands careful evaluation. This review critically assesses the available data, stressing the need for more study to fully understand its therapeutic potential, set safe dosage guidelines, and create standard extracts for secure and efficient clinical applications. It also highlights the mechanisms of action where they are known.



**ANDALURI JANARDHAN**  
*Vikas Institute of Pharmaceutical Sciences*  
4th Year B.Pharm



Get the full insights! Just scan  
or tap the QR Code.



**APRIL 2024-APRIL 2025**

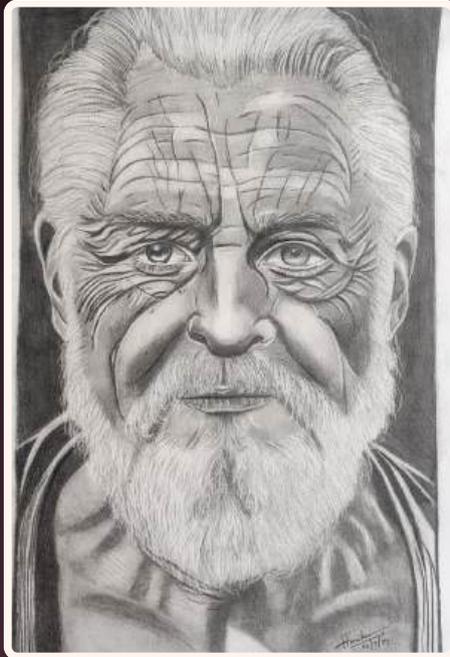


# **ART WORK**



**APRIL 2024-APRIL 2025**





**B.HARIKA**

*Vikas Institute of Pharmaceutical Sciences  
4th Year B Pharm*



**R.TEJASWINI**

*Vikas Institute of Pharmaceutical Sciences  
4th Year Pharm D*



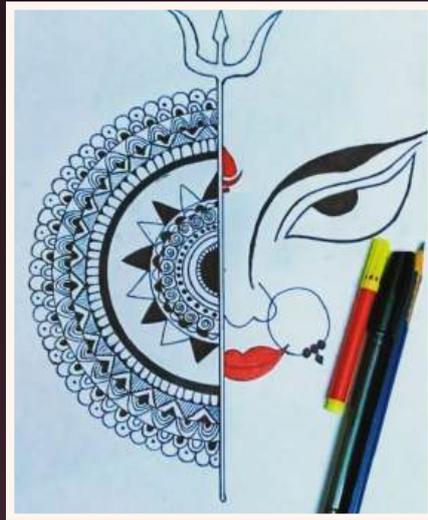
**G.R.S.SASIKAR**

*Vikas Institute of Pharmaceutical Sciences  
4th Year B Pharm*



**Dr.T.Sai Swapna**

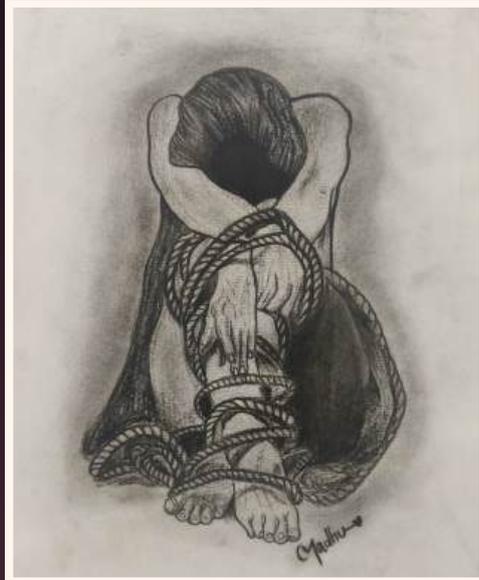
*Assistant Professor  
Department of Pharmacy Practice*



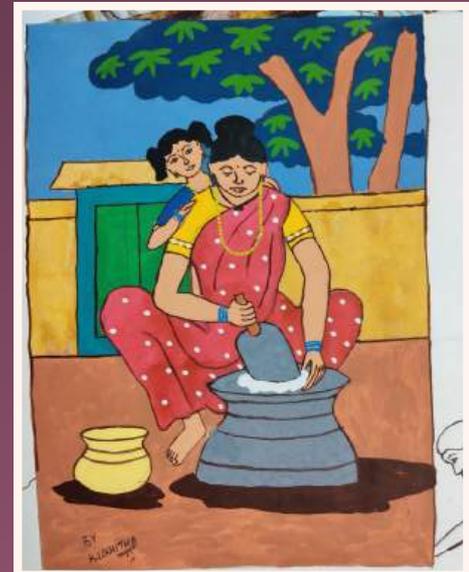
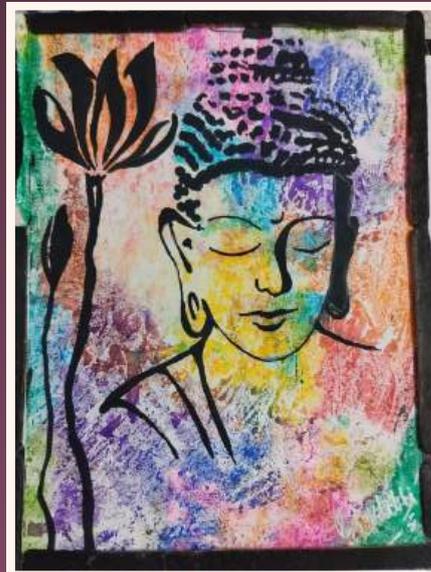
**J.MAHESH**  
*Vikas Institute of Pharmaceutical Sciences*  
*4th Year B Pharm*



**P.Vineela**  
*Vikas Institute of Pharmaceutical sciences*  
*3rd Year B.Pharm*



**U.MADHULATHA**  
*Vikas Institute of Pharmaceutical Sciences*  
*4th Year B Pharm*



**K.Likitha**  
*Vikas Institute of Pharmaceutical sciences*  
*3rd Pharm D*



APRIL 2024-APRIL 2025



# TEST YOUR IQ



APRIL 2024-APRIL 2025



# DOSE OF RIDDLES

## TEST YOUR PHARMA IQ !!

1

I block the pain but don't heal the wound, You take me for headaches, I work very soon.  
Too much of me can hurt your liver, But in the right dose, I'm a giver.

What am I?

Hint: I am a common over-the-counter medicine used for pain relief and reducing fever.

2

I reduce fever, I ease pain, But in young kids, I'm a bane.  
Linked to a syndrome that's rare but grim, What drug am I?

Think hard, don't skim!

Hint: (Linked to Reye's Syndrome)

3

I come in units, never in grams, Without my right dose, sugar slams.  
I'm stored in the fridge, never too hot, For diabetics, I mean a lot.

Hint: I am usually injected rather than taken as a pill.

4

If your thyroid is slow, you'll need me in tow, but too much of me makes the  
heart race and grow. Given daily, I maintain the pace, balancing hormones in their  
rightful place.

Hint: I am a medication used to treat hypothyroidism by replacing a hormone your  
body lacks.

5

Found in drinks that keep you awake, too much of me makes your hands shake.  
I stimulate and make hearts race, moderation keeps me in my place.

Hint: I help you stay alert but can make you jittery if you have too much.

6

My effect is slow but lasts all day, releasing medicine in a controlled way. No peaks, no crashes, just steady relief, I help those with chronic grief.

Hint: I provide a consistent dose of medicine over time, often in the form of patches or special tablets.

7

I'm mixed but not fully combined, shake me before use, that's best aligned.

Hint: I contain solid particles in liquid, but I need shaking before use.

8

I am not a letter, yet I am written. I guide your dose, so it's not smitten. If misunderstood, I cause great fear—so always read me loud and clear!

What am I?

Hint: Misreading / Misunderstood me can lead to serious mistakes.

9

Before a drug reaches your hand, I test its power, as labs demand. I ensure it's safe, I check it twice, before approval, I name the price.

Hint: I evaluate medicines in clinical trials and lab tests to ensure they are safe and effective before they are sold.

10

I enter the body, but I skip the gut. Straight to the bloodstream, I make my cut. I work much faster, so they use me in haste, but improper handling is quite a waste.

Hint: I am a method of drug administration that bypasses the digestive system

 **Score Yourself!**

✓ **10/10 – You're a Pharma Prodigy!** 🏆

**You belong in the world of pharmacy! Keep up the expertise!**

✓ **6-9/10 – Almost There!** 💊

**Your pharma knowledge is strong—just a little more practice!**

✓ **0-5/10 – Brush Up !!** 📖📖

**Time to hit the books and polish your pharmacy wisdom!**

1)Paracetamol 2)Aspirin 3)Insulin 4)Thyroid hormone  
5)Caffeine 6)Sustained release tablet 7)Suspension  
8)Prescription 9) Clinical trial 10)Intravenous drug

ANSWERS



APRIL 2024-APRIL 2025



**CLINICAL PHARMACY  
NEWS LETTER**



APRIL 2024-APRIL 2025



# EDITORIAL BOARD



**Dr.CH.P.S.R.Madhuri Pharm D (P.B ) (Ph. D)**  
Assistant Professor  
Department Of Pharmacy Practice



**Ch. Pooja Sri**  
Vth Pharm D



**P.Lohita**  
Vth Pharm D

# INTERCONNECTED HEALTH: A CASE REPORT OF CARDIO RENAL SYNDROME

Cardio renal syndrome is a common and significant clinical problem affecting multiple vital organs like the heart and kidneys, which are crucial for our body's normal health. Cardio renal syndrome is particularly common in patients who are suffering from heart or kidney diseases. In general, it is estimated that 1-3 people per 1000 are affected by cardio renal syndrome, which affects about 30-50% of patients with heart and kidney diseases. CRS is a condition where chronic or acute damage or dysfunction of one of the heart or kidneys may result in acute or chronic damage to the other organ. It is more frequently seen in older adults because both cardiac and renal diseases tend to develop and worsen with advancing age, and men have a slightly higher prevalence than women due to the higher incidence of cardiovascular diseases are more common in this group. CRS is broadly classified into five types based on the direction and chronicity of interaction between the heart and kidney. The prevalence of CRS type 1 is highest which is 50% followed by type 2 and type 4. Risk factors for CRS include diabetes, high blood pressure, a body mass index greater than 30, kidney disease and heart failure. It also involves some processes with many different factors affecting your kidneys and heart such as reduced cardiac output or heart failure, high blood pressure in your vena cava, minimized blood flow to kidneys, resulting in their damage. Treatment for cardio renal syndrome ranges from medicines to devices to transplants.

Keywords: Cardio-Renal Syndrome, Heart Failure, Vena cava.

## INTRODUCTION

Heart and kidney, symbiotic guardians of our well-being, harmonize their functions to sustain our body's vitality[1] Heart is an organ that helps in supply oxygenated blood to various parts of the body and removes metabolic wastes such as carbon dioxide from the body through blood circulation.[2] The kidneys play a crucial role in filtering blood, eliminating waste products, and regulating the balance of water, electrolytes, and essential minerals such as sodium, calcium, and potassium in the bloodstream.[3] Cardiac and renal diseases frequently occur together, as they share similar risk factors and can exacerbate each other's symptoms, presenting complex challenges in diagnosis and treatment.[4] Primary disorders of one of these two organs frequently lead to secondary dysfunction of the other, illustrating the interconnected nature of the cardiovascular and renal systems in health and disease.[5]

Cardio-renal syndrome is typically described as a pathophysiological condition involving the heart and kidneys, wherein the acute or chronic impairment of one organ can precipitate corresponding acute or chronic dysfunction in the other, reflecting their close interdependence in physiological function[6] It includes various subtypes based on underlying pathology and chronicity. Each subtype involves unique pathophysiology and management strategy.[7]

**Type 1:** a marked decline in cardiac function that leads to an acute decrease in renal function.

**Type 2:** chronic cardiac dysfunction that leads to a sustained reduction in renal function.

**Type 3:** a marked decline in renal function that leads to an acute reduction in cardiac function.

**Type 4:** a chronic reduction in kidney function that leads to chronic cardiac dysfunction.

**Type 5:** systemic diseases that lead to both cardiac and renal dysfunction.[7]

Among the various types of cardio-renal syndrome, type 1, marked by the acute deterioration of cardiac function causing acute kidney injury, stands out as the most common and frequently diagnosed subtype.[7] Diabetes and hypertension are prevalent causes that often contribute to the development of both heart and kidney diseases, emphasizing the need for comprehensive approaches to their prevention and treatment. [8] The failure of any one organ ultimately leads to damage or failure of the other organ. [1] When the heart is not pumping proficiently, it becomes congested with blood, resulting in pressure in the main vein which supply blood to the kidneys and leading to congestion of blood in the kidneys as well and they are subjected to reduced supply of oxygenated blood and results in organ damage.[9]

## CASE REPORT

A male patient of age 38 years admitted in the government general hospital with chief complaints of dyspnoea, back pain, abdominal pain along with ascites, and pedaloedema of both legs. Past medical history includes type 2 diabetes mellitus, hypertension. After a careful physical examination and laboratory assessment his ECG (electro cardio gram) was found to be abnormal with left ventricular failure and 2D echo revealed dilated cardiac chamber and severe left and right ventricular dysfunction along with mild mitral and tricuspid valve regurgitation. Renal function tests show that there is significant increase in creatinine and urea levels with creatinine - 2.4mg/dl and urea - 89mg/dl which indicates the kidney damage and liver function tests was abnormal with ranges of total bilirubin - 1.8mg/dl; direct bilirubin - 0.5mg/dl; SGOT - 99U/L; SGPT - 107U/L; ALP - 150U/L; albumin 3.0g/dl. Complete blood picture shows reduced levels of haemoglobin, red blood cells and lymphocytes with increased levels of white blood cells and polymorphs. The ranges are as follows, haemoglobin - 8.5g/dl; RBCs - 2.91million/cum; WBCs - 13,570; polymorphs - 80%80 lymphocytes - 10%; eosinophil's - 3%; monocytes - 6%; platelets - 1.14lakhs. Ultrasound done to the scrotum and bilateral groin region shows skin over the scrotum appears thickened and oedematous which shows penile oedema, scrotal oedema and non-pitting type oedema of right thigh region. Serology test was done and report shows that HHBsAg was positive which indicates that the patient was hepatitis B positive.

Temperature	98.6F
PR	111 bpm
BP	110/70 mm of Hg
RR	22 bpm
SPO2	98 %

CVS	S1 S2 +
RR	Mild crepitation +
CNS	NAD
P/A	Ascites

## DISCUSSION

The functioning of heart and kidney and their synergy is very important for hemodynamic homeostasis of the body [9]. Any impairment in heart health could potentially disrupt kidney function, while any injury to the kidneys might compromise the heart's ability to function effectively [5]. Renal injury or damage can trigger kidney dysfunction manifesting as reduced urine output and causing fluid retention within the body. [10] The elevation of blood volume and increased pressure on blood vessel walls resulting from fluid retention ultimately leads to hypertension, prompting the heart to respond by thickening its muscle mass, a condition known as cardiac hypertrophy. [11] As a result of all these events heart becomes less efficient in pumping blood leading to heart failure and accumulate the greater chances of high risk of various cardiovascular events like heart attack, stroke, and etc. [12] The kidneys produce erythropoietin, a hormone essential for red blood cell production. Damage to the kidneys can result in anaemia and a decrease in the blood's oxygen-carrying capacity, placing additional strain on the heart as it works harder to compensate for the decreased oxygen supply. [13] When kidney function is compromised, the body's ability to remove toxins is reduced, resulting in the buildup of these harmful substances in the bloodstream. This accumulation can lead to endothelial dysfunction, ultimately impacting cardiovascular health negatively. [14]

In response to reduced blood flow to the kidneys due to cardiac abnormalities, the hormone renin is released, initiating the activation of the angiotensin II pathway through the renin-angiotensin-aldosterone system. [15] This stimulates the release of aldosterone from the adrenal gland and helps in the water and sodium retention in the kidneys, as a result volume is overloaded and exacerbates heart failure and further reduces the cardiac output. [9] This may result in multiple cycles of RAAS and further decreases the renal perfusion and finally reduction of glomerular filtration rate which impairs the functioning of kidneys. [16] Renal impairment is commonly present in 40-60% of patients with congestive heart failure (CHF), highlighting the frequent coexistence of these conditions. [17]

## CONCLUSION

Cardiorenal syndrome is a complex disorder that involves the interplay between the heart and kidneys, impacting both organs and often presenting challenges in diagnosis and management. Early diagnosis of renal function through tests within the first six months for patients with cardiac issues aids in the timely detection of potential renal complications, facilitating early intervention and treatment. We recommend that physicians include renal function tests and vital organ parameters in the diagnostic protocol for patients with heart and kidney diseases, as early detection and intervention can reduce disease severity and enhance patients' quality of life, ultimately decreasing disease rate.



# Monthly Drug Safety Alert

## भारतीय भेषज संहिता आयोग

स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार  
सेक्टर - २३, राज नगर,  
गाजियाबाद - २०१ ००२, उत्तर प्रदेश, भारत



## INDIAN PHARMACOPOEIA COMMISSION

Ministry of Health & Family Welfare, Government of India  
Sector - 23, Raj Nagar  
Ghaziabad- 201 002 (U.P.), INDIA

File No. P.17019/03/2024-DSA

Dated: December 26, 2024

### Monthly Drug Safety Alert

The analysis of Adverse Drug Reactions (ADRs) from the PvPI database revealed the following;

S. No.	Suspected Drugs	Indications	Adverse Drug Reaction
1	Beta-blockers (Metoprolol, Propranolol, Atenolol)	<p><b>Metoprolol:</b> For the treatment of essential hypertension in adults, functional heart disorders, migraine prophylaxis, cardiac arrhythmias, prevention of cardiac death and reinfarction after the acute phase of myocardial infarction, stable symptomatic CHF and angina pectoris.</p> <p><b>Propranolol:</b> For the treatment of cardiac arrhythmias; tachycardia; hypertrophic obstructive cardiac myopathy; pheochromocytoma; thrombosis; management of angina; essential and renal hypertension; prophylaxis of migraine.</p> <p><b>Atenolol:</b> For the treatment of hypertension, angina pectoris, cardiac arrhythmias.</p>	Hypokalaemia

Healthcare Professionals, Patients/Consumers are advised to closely monitor the possibility of the above ADR associated with the use of above suspected drugs. If, such reaction is encountered, please report to the NCC-PvPI, IPC by filling of Suspected Adverse Drug Reactions Reporting Form/Medicines Side Effect Reporting Form for Consumer (<http://www.ipc.gov.in>), through PvPI Helpline No. 1800-180-3024.

INDIAN PHARMACOPOEIA  
(IP)  
Official Book of Drug Standards  
in India

IP REFERENCE SUBSTANCES  
(IPRS) AND IMPURITIES  
Official Physical Standards for  
Assessing the Quality of Drugs

NATIONAL FORMULARY OF INDIA  
(NFI)  
Reference Book to Promote Rational  
Use of Generic Medicines

PHARMACOVIGILANCE PROGRAMME OF INDIA  
(PvPI)  
WHO Collaborating Centre for Pharmacovigilance  
in Public Health Programmes and Regulatory  
Services

Tel No: +91-120-2783392, 2783400, 2783401;

E-mail: lab.ipc@gov.in;

Website: www.ipc.gov.in

**JUST A MINUTE [JAM]**

# Nafithromycin

Nafithromycin is India's first indigenously developed antibiotic, introduced to combat antimicrobial resistance (AMR). Developed with support from the Biotechnology Industry Research Assistance Council (BIRAC), a unit of the Department of Biotechnology, it is marketed under the brand name "Miqnaf" by Wockhardt Pharmaceuticals.



## KEY NOTES

**Indications:** Nafithromycin is designed to treat Community-Acquired Bacterial Pneumonia (CABP) effectively targeting typical and atypical pathogens including drug-resistant bacteria.

**Efficacy and Dosage:** Clinical studies have shown that Nafithromycin is tenfold more potent than azithromycin, and it is possible to obtain similar results with a three-day treatment course. This increased potency makes it possible to have a shorter course of treatment, which is better for patient compliance.

## STATUS

**Development and Approval Status:** Nafithromycin represents 14 years of research effort and ₹500 crores invested in its development. The clinical trials were carried out in the U.S., Europe, and India. It awaits final approval for manufacturing and public use by CDSCO.

## SIGNIFICANCE

Nafithromycin is the first new antibiotic in its class developed globally in over 30 years. It is a much-needed solution to combat multi-drug-resistant pathogens, addressing a critical global health challenge responsible for prolonged illnesses and increased healthcare costs.

**Safety Profile:** Nafithromycin has minimal gastrointestinal side effects, does not cause any significant drug interactions, and is not affected by food intake, making it an easy option for patients.



APRIL 2024-APRIL 2025



# CLASS PHOTOS



APRIL 2024-APRIL 2025





# I B.Pharm

BATCH : 2020 - 2025



# II B.Pharm

BATCH : 2021 - 2026



# III B.Pharm

BATCH : 2022 - 2025



# IV B.Pharm

BATCH : 2021 - 2024



# I Pharm D

BATCH : 2024 - 2029



# II Pharm D

BATCH : 2023 - 2028



# III Pharm D

BATCH : 2022 - 2027



# IV Pharm D

BATCH : 2021 - 2026



# V Pharm D

BATCH : 2020 - 2025



# VI Pharm D

BATCH : 2019 - 2024



APRIL 2024-APRIL 2025



# PHARMA NEWS & TRENDS



APRIL 2024-APRIL 2025



# APRIL 2024



## FDA Approves 55 New Drugs and Biologics in 2024

The U.S. Food and Drug Administration (FDA) approved 55 new drugs and biologics in 2024, slightly fewer than the 60+ approvals in 2023. Notably, small and mid-sized pharmaceutical companies played a significant role, contributing to 72% of these approvals. This reflects a growing trend of innovation beyond large pharma giants, with breakthroughs in oncology, rare diseases, and neurological disorders.

## FDA Approves First Drug for Common Liver Inflammation

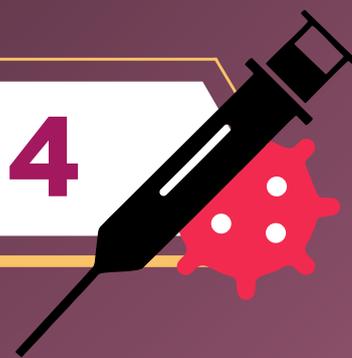
In April 2024, the FDA approved the first-ever drug for a common form of liver inflammation, offering a breakthrough treatment for patients suffering from metabolic dysfunction-associated steatohepatitis (MASH), formerly known as non-alcoholic steatohepatitis (NASH). This approval addresses a long-standing unmet medical need for millions affected by this liver condition, which can progress to cirrhosis and liver failure if untreated.



# MAY 2024

## FDA Approves Datroway for Breast Cancer Treatment

The FDA approved Datroway (datopotamab deruxtecan), a targeted antibody-drug conjugate (ADC) for adults with unresectable or metastatic HR-positive, HER2-negative breast cancer. This drug delivers chemotherapy directly to cancer cells, minimizing damage to healthy tissues, reducing side effects, and improving patient outcomes.



## New Antibiotic Overcomes Antimicrobial Resistance

Researchers developed a novel antibiotic designed with preorganized ribosomal binding, making it highly effective against drug-resistant bacteria. This breakthrough addresses the growing global crisis of antimicrobial resistance (AMR), where bacteria evolve to resist existing antibiotics. The new drug has shown promising results in treating infections caused by multi-drug-resistant pathogens, potentially saving millions of lives.



# JUNE 2024



## Microscopic Robots Developed to Target Liver Cancer

Researchers have engineered microrobots composed of magnetizable iron oxide nanoparticles to treat liver tumors. These microrobots are injected into the bloodstream and navigated to tumor sites using magnetic fields generated by MRI machines, allowing for precise targeting of cancerous tissues. This method minimizes damage to healthy cells and enhances the efficacy of the treatment. Preclinical studies have demonstrated successful navigation and tumor eradication in animal models, indicating potential for future human applications.

## Light Stimulation Found to Reduce Blood Glucose Levels

A recent study has shown that exposing individuals to 670 nm wavelength red light for 15 minutes can significantly reduce blood glucose levels. The exposure led to a 27.7% decrease in glucose levels over two hours post-glucose intake and a 7.5% reduction in peak glucose levels. This effect is attributed to the stimulation of mitochondria, enhancing cellular energy metabolism. These findings suggest that red light therapy could be a non-invasive approach to managing blood sugar levels, potentially benefiting individuals with type 2 diabetes.



# JULY 2024

## Lupin's Generic Doxil Approval for Ovarian Cancer & AIDS-related Kaposi's Sarcoma

In August 2024, Lupin Limited, in partnership with ForDoz Pharma Corporation, received FDA approval to launch a generic version of Doxil® (Doxorubicin Hydrochloride Liposome Injection) in the U.S. This medication is indicated for treating ovarian cancer, AIDS-related Kaposi's sarcoma, and multiple myeloma. The generic formulation is available in 20 mg/10 mL and 50 mg/25 mL single-dose vials. Prior to Lupin's approval, Padagis had also launched an AB-rated generic version of Doxil® in October 2021.



## Alembic Pharmaceuticals Receives Eight US FDA ANDA Approvals

Alembic Pharmaceuticals secured eight ANDA approvals from the U.S. FDA in Q3 FY24, strengthening its generics portfolio. The approvals include Selexipag Tablets (pulmonary hypertension), Dapsone Gel (acne), and Fluorouracil Injection (various cancers). Tentative approvals were granted for Rivaroxaban (stroke prevention), Carmustine (brain tumors), and Osimertinib (lung cancer). With this, Alembic now holds 196 ANDA approvals (170 final, 26 tentative).

# AUGUST 2024

## Bain Capital Acquires 340-Year-Old Tanabe Pharma for \$3.3 Billion

Bain Capital is acquiring Mitsubishi Tanabe Pharma (MTPC) for \$3.3 billion, gaining a 340-year-old firm specializing in CNS disorders, immuno-inflammation, diabetes, and vaccines. This move helps expand innovative drugs in Japan while addressing its "drug loss" issue. The deal allows Mitsubishi Chemical to focus on vehicle electrification and semiconductors. MTPC's existing R&D capabilities will be strengthened under Bain's management, accelerating drug development. The acquisition is expected to enhance global collaborations in pharmaceutical innovation.



## New Biosensor Developed to Detect Breast Cancer in Saliva

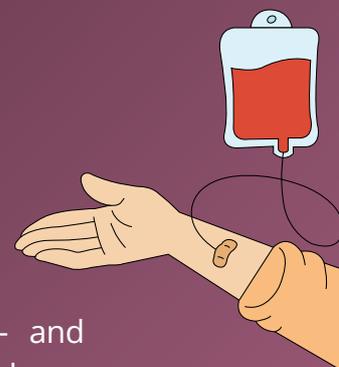
Researchers have developed a hand-held biosensor capable of detecting breast cancer biomarkers in saliva samples. This innovative device utilizes disposable test strips treated with specific antibodies that react to cancer-related proteins, such as HER2 and CA15-3. When a saliva sample is applied, the biosensor measures electrical signals generated by these interactions, providing results in under 15 milliseconds with a minimal sample volume of 3 microliters. This non-invasive, rapid testing method holds promise for early breast cancer detection, offering a convenient alternative to traditional screening techniques.



# SEPTEMBER 2024

## Tea Bags Linked to 'Forever Chemicals' in Bloodstream

Recent studies have raised health concerns regarding the presence of per- and polyfluoroalkyl substances (PFAS), commonly known as "forever chemicals," in tea bags. Research indicates that certain tea bags, especially those made from materials like polypropylene, nylon, and cellulose, can release billions of microplastic particles when steeped in hot water. These microplastics, along with PFAS, may be ingested, leading to potential health risks such as hormonal disruption, liver damage, and increased cancer risk.



## Zydus' Biosimilar Sigrima Banned by Delhi High Court

In July 2024, the Delhi High Court issued an interim injunction preventing Zydus Lifesciences from manufacturing, selling, or marketing its biosimilar drug, Sigrima™, which is intended to treat breast cancer. The injunction was granted in response to a patent infringement suit filed by Roche, alleging that Sigrima™ infringes on its patents for the original drug, Perjeta® (pertuzumab). The court's decision has significant implications for the availability of affordable cancer treatments in India.



# OCTOBER 2024

## FDA Approves First Non-Opioid Painkiller: Journavx by Vertex Pharmaceuticals

In January 2025, the FDA approved Journavx (suzetrigine), the first non-opioid painkiller in over 20 years. Developed by Vertex Pharmaceuticals, it targets the NaV1.8 sodium channel to reduce pain without opioid addiction risks. Clinical trials showed similar pain relief to hydrocodone/acetaminophen but with fewer side effects like itching and muscle spasms. Priced at \$15.50 per 50 mg pill, Journavx offers a promising alternative for managing acute pain.



## Successful Heart Transplant After 12-Hour Organ Preservation

In April 2024, a groundbreaking heart transplant was performed after a donor heart was preserved for 12 hours during a transatlantic flight from the United States to Europe. This achievement was made possible by the use of advanced preservation technologies, including normothermic ex situ heart perfusion (NEHP) systems, which maintain the heart at near-physiological conditions during transport. The successful transplant demonstrates the potential to extend the viability of donor hearts, thereby increasing the availability of organs for transplantation and improving patient outcomes.

# NOVEMBER 2024

## Novartis Expects Continued Growth Despite Generic Drug Competition

Novartis expects continued growth in 2025, projecting core operating profit and sales growth. The company aims for 15 new medicine approvals, including Pluvicto for prostate cancer. In 2024, Novartis witnessed a 22% profit increase and 12% sales growth, driven by Entresto, Cosentyx, Kisqali, Leqvio, and Kesimpta. Despite generic competition, key drugs performed well, with Leqvio sales meeting expectations. The company raised its dividend, boosting share prices by 3.4%.



## Race for Oral GLP-1 Receptor Agonists for Obesity Treatment

The race for oral GLP-1 receptor agonists for obesity treatment is intensifying, with leading companies advancing in clinical trials. Novo Nordisk's Amycretin showed 13.1% weight loss in a 12-week trial, targeting GLP-1 and amylin receptors. Eli Lilly's Danuglipron is in Phase II trials, aiming to regulate blood sugar through increased insulin release. Structure Therapeutics' Aleniglipton also showed promising results in Phase 2a trials, demonstrating significant weight loss. These developments are driving progress in obesity treatment.



## DECEMBER 2024



### Arcutis Biotherapeutics Reports 330% Stock Surge in 2024

In 2024, Arcutis Biotherapeutics experienced a significant stock surge, with shares increasing by over 330%. This remarkable growth was driven by the successful launch and strong market acceptance of their dermatological treatments, particularly ZORYVE, a topical cream for plaque psoriasis. The company's strategic focus on dermatology and innovative product offerings contributed to this impressive financial performance.

### Headset Developed to Treat Alzheimer's Disease with Light & Sound Therapy



Cognito Therapeutics has developed an experimental headset designed to treat Alzheimer's disease using light and sound therapy. The device emits pulsing light and sound at a frequency of 40 hertz, aiming to stimulate gamma waves in the brain. This stimulation is believed to enhance neural activity, potentially slowing cognitive decline associated with Alzheimer's. Clinical trials have shown promising results, indicating that this non-invasive approach may offer a novel therapeutic avenue for Alzheimer's patients.

## JANUARY 2025

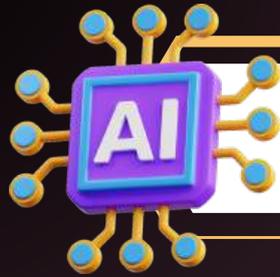
### Indian Pharmaceutical Market Growth

In January 2025, the Indian pharmaceutical market grew by 8.7%, driven by key sectors: cardiac therapies (10.9% growth), anti-diabetic medications (10.2%), and gastrointestinal drugs (6.9%). These areas contributed significantly to the market's expansion, with cardiac therapies alone accounting for ₹2,686 crore. This growth highlights the strong demand for treatments in chronic conditions, contributing to overall market performance.



### GSK's Antibiotic Leads Sales

In January 2025, GlaxoSmithKline's antibiotic, Augmentin, topped the sales charts in India, generating monthly sales of ₹75-80 crore. This strong performance highlights the robust demand in the anti-infective segment. The Indian pharmaceutical market also grew by 8.7%, driven by key therapeutic areas such as cardiac therapies (10.9% growth), anti-diabetic medications (10.2%), and gastrointestinal drugs (6.9%). These segments collectively played a major role in the market's overall expansion.



## FEBURARY 2025

### Artificial Intelligence (AI) Integration:

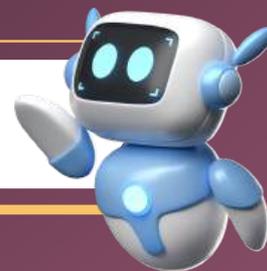
1. Artificial Intelligence (AI) Integration: Pharmaceutical companies are increasingly adopting AI to streamline drug development processes, enhance drug safety reporting, and improve medical imaging. At a recent conference in India, firms like Amgen and Parexel highlighted AI's potential to expedite and reduce the costs associated with bringing new drugs to market.

### Regulatory Challenges in the U.S

Regulatory Challenges in the U.S.: Budget and staffing cuts at the U.S. FDA are causing delays and uncertainties in drug development. Pharmaceutical companies have expressed concerns that these reductions could hinder the timely approval and commercialization of new drugs.

These trends underscore a dynamic period in the pharmaceutical industry, characterized by technological advancements, strategic realignments, and evolving regulatory landscapes.

## MARCH 2025



### AI Training in Pharma Companies

AI Training in Pharma Companies: Major pharmaceutical companies like Johnson & Johnson, Merck, and Eli Lilly are prioritizing artificial intelligence (AI) literacy among employees. Initiatives include mandatory AI training programs and the development of proprietary AI platforms to enhance drug development and operational efficiency.

### Investments in Domestic Manufacturing:

Johnson & Johnson's U.S. Expansion: In response to the push for reshoring drug production, Johnson & Johnson announced a \$55 billion investment over four years to build new manufacturing plants in the United States. This initiative includes constructing four new facilities, such as one in Wilson, North Carolina, and is expected to create thousands of jobs.



# NOTICE

*If you have compelling articles, essays, or stories to share, now is the time to submit them for consideration. We're eager to feature your work in our upcoming issue.*



SCAN HERE FOR  
SUBMISSION



# THANKS

## for reading!



**SCAN HERE FOR FEEDBACK**



***The Journey of Excellence***





**VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES**

Nidigatla Road, Near Airport, Rajahmundry, E.G Dist, Ap -533102

(NAAC Accredited , Approved by AICTE & PCI, New Delhi, Affiliated to Andhra University, Vizag)



# VIPDS

*Rx Magazine*

**EDITION-1**

**SCAN HERE**

