

# Vydehi Institute of Medical Sciences & RC Department of Pharmacology

## PharmAcNews

Issue 3: August 2023 to July 2024

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### Message from Chairperson

Mrs. D.A. Kalpaja



It's that time of the year again to welcome the third issue of the annual newsletter 'PharmAcNews' from the Department of Pharmacology, VIMS & RC.

PharmAcNews encapsulates and reminisces the year gone by, bringing joy in the memories, reinforcing what has to be kept up and addressing what more needs to be done to keep going and excel in the endeavors. I wish the Department of Pharmacology all the very best in keeping up with PHARMAQUEST 2024.

### Message from Principal

Dr. Shreedhar Venkatesh



Best wishes to the Department of Pharmacology in their ongoing endeavour of PHARMAQUEST. This event also brings with it the annual newsletter PharmAcNews which highlights the progress of the year gone by. Good luck

### From the desk of the Editorial Team Faculties, Pharmacology Vydehi; VIMS & RC

We are excited to present the third academic newsletter of the Department of Pharmacology, Vydehi Institute of Medical Sciences & Research Centre, Bengaluru, "PharmAcNews". This newsletter aims to provide the highlights of the activities of the Department, innovations in teaching methodologies, alumni interactions, awards, recognitions, and collaborations. During August 2023 to July 2024, the department hosted Pharmaquest 2023, Pharmacovigilance week in association with the Pharmacovigilance Program of India, National Pharmacovigilance Symposium and International Clinical Trial Day celebrations (ICTD 2024) in collaboration with the Indian Society for Clinical Research, World antimicrobial awareness week, and other activities. In this edition, we have added a page for students, especially for the proud alumni. Happy reading!

Words can inspire, thoughts can provoke, but only action truly brings you closer to your dreams.'

- Brad Sugars

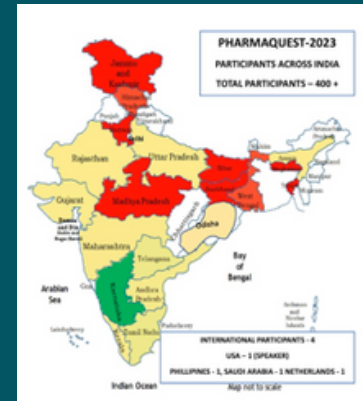
# ACADEMIC EVENTS WITH KMC CREDIT POINTS

The department of Pharmacology, VIMS & RC hosted the annual webinar series, PHARMAQUEST. This was the third year that the Department conducted the event. The dates were from August 1st to 4th, 2023. The webinars were conducted between 1.30 and 3.30 pm daily. It was attended by more than 400 delegates from almost all states of India and had international participants also.

The event had reputed guest speakers from academia and pharmaceutical industry. The topics range from preclinical research, publication writing to medication safety. Like the previous years, presentations were made available to the participants and the larger community. There was participation of second year medical undergraduates, and postgraduates, along with various professionals interested in Pharmacology. The undergraduates students participated in "Pharmacology on a chart: group activity". The best charts received Sir Ramnath Chopra awards. The best postgraduate poster presentations received cash prizes.

We had around 40 posters from undergraduates, and 24 from postgraduate students. The undergraduate charts were displayed for a week in the college lobby. They were also displayed during the Parent Teacher Meeting for the parents to appreciate the creativity. The program was awarded 3 CME points by the Karnataka Medical Council.

## PHARMAQUEST 2023



We thank the Patrons from Vydehi Group of Institutions for all the support for hosting the academic events

Indian Society for Clinical Research (ISCR) in collaboration with Vydehi Institute of Medical Sciences & Research Centre, Bengaluru hosted 10th Annual Pharmacovigilance Symposium on 'Evolving from Pharmacovigilance to Pharmaco-Intelligence & Pharmaco-Excellence - A Paradigm Shift in the Digital Era' on 15th & 16th September 2023.

The symposium was attended by more than 300 delegates with a diverse composition of investigators, academia faculties, industry colleagues and a large number of students. The 10th Annual symposium featured more than 30 eminent speakers, covering a wide range of topics and themes related to emerging AI technologies, process excellence, latest regulations, policies, career opportunities and keeping patient centricity as the nuclei of everything in Pharmacovigilance. The symposium also featured poster presentation by undergraduate students from various disciplines of VIMS & RC under the theme of Pharmacovigilance.

The program was awarded 4 credit points by KMC

## PHARMACOVIGILANCE SYMPOSIUM 2023

Indian Society for Clinical Research  
In collaboration with  
Vydehi Institute of Medical Sciences &  
Research Centre, Bengaluru

Announces 10th Annual  
Pharmacovigilance Symposium

Evolving from  
Pharmacovigilance  
to Pharmaco-Intelligence &  
Pharmaco-Excellence -  
A Paradigm Shift in the  
Digital Era

Schedule: 15th & 16th September 2023,  
Friday-Saturday  
Timing: 9:30 am - 5:30 pm  
Venue: Vydehi Institute of Medical Sciences  
& Research Centre, Bengaluru

For more details visit ISCR Website -  
www.iscr.org

**OBJECTIVES-**  
The world is changing faster than what we are used to, and Artificial Intelligence (AI) is at the heart of it. Post COVID-19 Pandemic, healthcare organizations are turning towards technology providers to build enterprise grade AI platform with virtualized solutions for accelerated drug development and cloud integrated product offerings. Pharmacovigilance industry leaders across the spectrum (Government, Regulatory, Pharmaceutical Firms, Clinical Research Organizations, Patient Focused) Advisory groups are coming together to discuss both new and existing healthcare challenges opportunities and solutions, ultimately enabling us to move closer to our true goal Accelerated drug development to improve the lives of patients.

**WHO SHOULD ATTEND?**

- Pharmacovigilance professionals working with Pharmaceutical Industry or Contract Research Organizations
- Research Scholars or Scientists interested in Clinical Research
- Health Care Professionals from Government Agencies
- Regulatory Professionals
- Non-profit Organizations, Associations and Academics
- Medical, Pharmacy, Statistics or Life-science Students or Professionals interested in Clinical Research
- Patient Organizations/ Patient Advocacy Groups/ Patient Access Teams

# PHARMACOLOGY EDUCATION & EVENTS

## PHARMACOVIGILANCE WEEK

17th to 23rd September 2023

As a part of 3rd National Pharmacovigilance week celebration, AMC, VIMS & RC conducted orientation to general public on ADR (Adverse Drug Reaction) reporting on 17th September and 18th September. On 19th September, the team members distributed wallet health cards at the hospital. On 20th September, dental students performed street play on the theme 'Boosting public confidence in Pharmacovigilance' followed by ADR orientation in dental college and pharmacy. On 21st September, a community outreach at Kannamangala village, Whitefield, was arranged followed by ADR orientation by the Allied Health Science students at Vydehi hospital. On 22nd September Dr. Ananya Chakraborty, Professor & HOD of Pharmacology department had a guest talk on Pharmacovigilance at East point hospital. At Vydehi, there was ADR orientation by the physiotherapy students and prize distribution for essay competition, poster making (concept map) and reels competition. On 23rd September we had orientation on ADR at the Vydehi school of excellence followed by the ADR orientation by the nursing students. The PV members also attended the PvPI programs through the virtual platform.

## WORLD EPILEPSY DAY

12th February 2024

It was conducted on the theme 'Milestones on my epilepsy journey'. The Departments of Neurosciences, VIMS & RC collaborated for the undergraduate events. The posters made by the students were displayed in the hospital for expanding the public awareness about epilepsy. Prizes were awarded for the two best posters.

## INTERNATIONAL CLINICAL TRIALS

DAY: ICTD 20-25th May 2024

Vydehi Group of Institutions in collaboration with ISCR celebrated ICTD 2024. A total of 175 students participated in the event from various disciplines like Physiotherapy, AHS, Nursing and Dental sciences. They took part in debate on the topic 'Undergraduate research: Must or not along with poster making, slogan writings and National Quiz, contest in various rounds.

## PHARMACOLOGY ON A CHART

It's an event in which pharmacology topics are presented on a chart by undergraduates in a creative manner. This helps the undergraduates to get complete clarity on pharmacology concepts. Around 40 teams participated and 40 different charts were prepared. Such activities inspire the 4C skills: collaboration, critical thinking, communication and creativity towards fun-filled learning.

## PHARMACHASE

A treasure hunt event was conducted during Pharmaquest 2023 for second year undergraduate students. The event was organized by students for students under the active guidance of faculty members. In this event, pointers related to clinical problems on medications were arranged at various locations in the department. The students had to look for the perfect match based on the problem provided to them.

## AETCOM & ROLE PLAY

The NMC module on Attitude, Ethics and Communication was effectively planned and implemented with the 2nd M.B.B.S students where the training of the students was mingled with deep rooted relevance and thematic perception of assigned clinical case scenarios. The net result was a showcase of expressive improvisation interspersed with creativity, communication and collective expression of the young budding doctors. This was evident in the portrayal of anticipated ideals and attributes essential to the competent and holistic development of young professionals like attitude, accountability, professionalism, reliability, respect, responsiveness, leadership and social commitment. The students were divided into various groups, and they played the roles of doctor, patient, patient-party, and other health care professionals. At the end the mentors from the department witnessed a progressive benchmark being established in medical education.

# HONORS & AWARDS

## UNIVERSITY RANK & DISTINCTIONS IN PHARMACOLOGY

- 13% third CBME medical undergraduates got distinction & 39% got first class in Pharmacology
- 27% of dental undergraduates got distinction in & 55% got first class in Pharmacology
- 2% got distinction & 90% BPT students got first class in Pharmacology
- 13% of nursing undergraduates got distinction and 51% got first class in Pharmacology

## HONORS & AWARDS

### • Dr Kevin Manohar Salis, Associate Professor

1. Awarded the best teacher award, Vydehi Institution of Medical Sciences & RC 2023-2024
2. Guest Speaker at CME - NARCOO-2024 at Navodaya Medical College Hospital and Research Centre, Raichur on the topics 'Therapeutic uses of Narcotics and peer influence in Narcotic use'.

### • Dr Ananya Chakraborty, Professor & HOD

1. Invited faculty for CME at East Point Medical College for the topic: 'Awareness on Pharmacovigilance' on account of PVPI Pharmacovigilance week celebration, September 2023
2. Co-authored a book chapter on topic 'Pharmacovigilance in phased clinical trials, post-marketing surveillance and ongoing life cycle safety' published in 'The Quintessence of Basic and Clinical Research and Scientific Publishing' Springer Nature publication in October 2023
3. Conducted the round table discussion at the World Safety Congress, America October 2023 at Boston, USA
4. Awarded eMDP Professional certificate on 'Healthcare Management and Analytics' by IIM-Kozikode
5. Invited faculty for a 'A two-day national conference on pharmacogenomics- challenges and opportunities' on the topic 'Pharmacogenomics in clinical practice- A Case Study' organized by Krupanidhi college of Pharmacy, March 2024
6. Invited faculty for 'B- EMPOWER -2024 on topic 'Introduction to Pediatric bioethics' at St Johns Medical college, April 2024
7. Faculty for a postgraduate wellness workshop on the topic 'How to be a good Mentee' organized by Dept. of Psychiatry, VIMS & RC, April 2024
8. Invited speaker for faculty development program on 'Academic Clinical trials' at Shree Atal Bihari Vajpayee Medical College & RI, May 2024
9. Organised a workshop on 'Academic research grants' in collaboration with Research and Development Cell BLDE, Vijayapura, July 2024

## PUBLICATIONS

- Kamath, Latha; Chakraborty, Ananya; Asanaliyar, Meharban. Perception and reflections of second year medical students on attitude, ethics, and communication skills module on patient autonomy and decision making in a tertiary care teaching hospital. *Journal of Medical Society* 37(2):p 51-56, May-Aug 2023. | DOI: 10.4103/jms.jms\_86\_22
- Asanaliyar, M., Kamath, L., & Chakraborty, A. Learner's perspectives and outcomes of peer role play as a teaching learning method for prescription communication skills in second year medical students at a tertiary teaching hospital in India. *International Journal of Basic & Clinical Pharmacology*, 2024; 13(2), 233-238.
- A Siddharth, Haward R, Chakraborty A. Evaluation of the Metered Dose Inhaler Technique: Initial Assessment and Post-counseling Improvements Among the Indian Population. *Cureus* 2024; 16(4): e57397.
- Salter D, Swamy S, Salis KM, Deep DK, Nadig P. A botanical extract blend of *Mangifera indica* and *Sphaeranthus indicus* combined with resistance exercise training improves muscle strength and endurance over exercise alone in young men: a randomized, blinded, placebo-controlled trial. *Front Nutr*. 2024 May 3;11:1393917.
- Kiran M, Hema NG. Perspectives of medical undergraduate students toward self-directed learning. *Indian J Physiol Pharmacol*. 2024;68:176-80.



# PUPILLARY NOSTALGIC INSPIRATIONS

## A SOULFUL SOUVENIR

Dr Rovin Vincent, Alumni VIMS & RC

'Those we love never truly leave us. There are things that death cannot touch.' My mom was a school teacher with over 30+ years of teaching experience. She moulded countless students during her illustrious teaching career. I was one among them. My mom nurtured me as her student, and as her son. A significant part of who I am today is because of Mom. And then we have another mother. Our 'Alma Mater'. (Translated from Latin as Nurturing mother) Our Academic Institutions that nourishes us and gives us the confidence to face the world. After graduating from Vydehi Institute of Medical Sciences in 2010, I always felt the need to give back something to my Alma Mater that has given me so much. After my mom passed away a couple of years back we wanted to instate something in moms memory. We decided to instate the Annual Mrs. Rosalie Vincent Academic Excellence Award in Pharmacology for Second year MBBS Students. While the legacy of Mom lives through me and the countless other students mom has taught, this award serves as a souvenir motivating students to strive for excellence in Pharmacology.

## PHARMACHASE

Mr Jayant 3rd Year Medico VIMS & RC

A treasure hunt event conducted in chain of events of Pharmaquest. It was initiated by the Pharmacology teachers, planned and organized by the 2nd year MBBS student volunteers. We volunteered this event and helped the department in conducting it. It was conducted for the first time on August 4th 2023. It was a very good experience to learn things on various aspects of Pharmacology. Learning Pharmacology from a textbook helps us only in clearing exams which is less likely to be used during treatment of patient but Pharmachase event gave us an idea to interlink our book knowledge and helped us to get more clarity on the subject which helps us to remember and apply in real life. We thank the whole department to take the initiative of conducting this event inspite of their busy schedule and showing us leads to study pharmacology in different methods. It was a great experience to learn pharmacology topics in a new manner and a better way.

## MY JOURNEY AT THE DEPARTMENT OF PHARMACOLOGY

Dr Sonica Jain, Best Outgoing Student, 2018 - 2019 Batch

My pharmacological department is more than just a team, we 'family' united by our passion for advancing in the field of pharmacology and improving life through science. The department is a reflection of high values, curiosity, perseverance and commitment to greater good. I am grateful to the department for the morning lectures, rigorous research, formative assignments, quizzes, evening lab sessions conducted. Apart from learning concepts of pharmacokinetics, pharmacodynamics and systemic pharmacology you made us learn 3 important other lessons: To focus more on improving ourselves, Never letting compliments get to head and criticism get to our hearts. We are students for life and learning never stops.

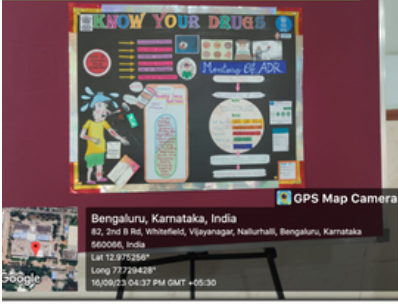
## ALUMNI INTERACTION

Dr Nikhila KR, Assistant Professor, Kidwai Institute of Oncology, interacted with second year medical students and oriented them towards empathy in the care of cancer patients. She also elaborated on the responsibilities of young medical doctors on 6th June 2024.



# PHOTOS OF THE EVENTS

Pharmacovigilance week September 2023: Charts prepared by students



Pharmacovigilance week September 2023: Wallet medication cards distribution



Role play by students : Pharmacovigilance week : September 2023



Epilepsy day -Feb 12 2024: Poster competition winners





# PHOTOS OF THE EVENTS

10th Annual Pharmacovigilance National Symposium : 15th & 16th September 2023



Indian society for clinical research : Debate competition for students May2024



# COMING SOON

## PHARMAQUEST 2024

Department of Pharmacology  
Vydehi Institute of Medical Sciences & Research Centre, Bengaluru

Welcomes you to

### PHARMAQUEST 2024

JULY 30<sup>TH</sup> – AUGUST 2<sup>ND</sup> 2024  
Virtual CME 1.30 to 3.30pm

#### Patron

Smt. Kalpaja D A – Chairperson, Vydehi Group of Institutions

#### Co Patron

Dr. Mahesh B Kottapalli – Advisor, VIMS & RC

#### Organizing Chairman

Dr. Shreedhar Venkatesh – Principal, VIMS & RC

#### Advisory Committee

Dr. Geetha S. Narayanan – MEC Chairman, VIMS & RC  
Dr. M. Umamaheswar – Medical Superintendent, VIMS & RC  
Dr. Jagadeesh N – Vice Principal, VIMS & RC  
Dr. Ravi Babu K – CAO, VIMS & RC

#### Organizing Secretary

Dr. Ananya Chakraborty, Professor & HOD

#### Organizing Joint Secretaries

Dr. Kevin Manohar Salis – Associate Professor  
Dr. Shubhataara Swamy – Associate Professor  
Dr. Meharban. A – Associate Professor  
Dr. Kiran M – Assistant Professor  
Dr. Deepak K R – Assistant Professor  
Dr. Nandhini Saravanabavan – Assistant Professor  
Dr. Soumya P K – Assistant Professor  
Mrs. Sindhu K C – Senior Tutor  
Dr. Sharmila – Clinical Pharmacist  
Mrs. Rutuja Chavan – Pharmacovigilance Intern

Pharmaquest aims to provide an insight into Preclinical studies. It will focus on the medical device safety and innovations. It will also provide a direction towards career opportunities in a new era of Pharmacology & Materiovigilance.

#### PROGRAM SCHEDULE

##### Day 1 (30/07/24): Preclinical Research (1.30 to 3.30 pm)

1. Oncomicrobiomics & Precision Medicine: Lessons from Zebra fish – Dr. Anirban Chakraborty, Professor & Director, NITTE University & Dean, Faculty of Biological Sciences.
2. Regulatory aspects of Preclinical studies – Dr. Vishwanath Bhagawat, Principal Scientist, Himalaya Wellness Company.
3. Workflow of Preclinical studies – Panel discussion.

##### DAY 2 (31/07/2024): Materiovigilance (1.30 to 3.30 pm)

1. Materiovigilance – An Overview: Mr. Hariharan Vijayakumar, Research Scientist (Sr.Materiovigilance associate), IPC.
2. Regulatory aspects on medical device safety – Dr. Jamal Anwar Baig, Director & Multicountry Safety Head for South Asia & Indochina, Sanofi.
3. Blooming opportunities in a new era of Pharmacovigilance and Materiovigilance – Panel discussion.

##### DAY 3 (01/08/24): Innovation in Medical devices (1.30 to 3.30 pm)

1. Multidisciplinary approach towards innovation in medical device – Dr. Usha Rani P, Senior Professor & Head, Clinical Pharmacology and Therapeutics, Nizam's Institute of Medical Sciences, Hyderabad.
2. Industry academia collaboration in medical device innovation – Dr. Arun Agarwal, Founder, JANITRI.
3. Multidisciplinary vs. Interdisciplinary approach & Convergence research – Panel Discussion.

##### DAY 4 (02/08/24): Poster Presentation: Postgraduates / Interns (1.30 to 3.30 pm)

**Target audience:**  
Pharmacologists, Interns, Postgraduates of Medical, Allied Health Sciences, Pharmacy & Independent Researchers

**Registration fee:** Rs. 100

UPI id: meharbanshahul0@oksbi  
Please use the same phone number as in your registration form.

The sessions will be conducted online over Zoom platform.  
Link will be shared to registered participants 24 hours prior to webinar.

**Last date of registration:** 20/07/2024

For any queries related to registration, please contact:  
Dr. Deepak KR – 9738513363

**Registration link:** <https://docs.google.com/forms/d/1mjb83oPy8IEhYi-3fx77S5eH5guuUoh9qpx7zB8aReo/edit>

#### Guidelines for the E-Poster presentation

1. Registration for CME is mandatory for participating in E-poster
2. One slide E-poster using appropriate font size and color combination that ensures readability
3. Diagrams, graphs and tables as appropriate can be included
4. Time allotted is 4 minutes for presentation and 2 minutes for questions
5. Abstracts to be submitted in structured format (<250 words)

Kindly forward the abstracts to [cmeparmacologyvydehi@gmail.com](mailto:cmeparmacologyvydehi@gmail.com)  
in PDF format on or before 23/07/2024

Selected abstracts will be informed via email/ WhatsApp

**Last date for Abstract Submission:** 23/07/2024

3 KMC credit points

## PHARMACOVIGILANCE PROGRAM OF INDIA (PvPI) : PHARMACOVIGILANCE WEEK CELEBRATIONS SEPTEMBER 2024

### ADR REPORTING PvPI NUMBER



1800 180 3024