

Academic and Co-curricular Activities

The Department of Pharmacology actively promotes competency-based medical education through innovative teaching-learning methods, research, patient safety initiatives and holistic student development. The department undertakes the following academic and co-curricular activities:

- Implementation of the National Medical Commission (NMC) Competency-Based Medical Education (CBME) curriculum for undergraduate medical students through integrated, learner-centred, and competency based teaching.
- Teaching and training of MBBS, MD Pharmacology, Nursing, Physiotherapy and Allied Health Sciences students using a combination of lectures, practical sessions, small-group discussions, seminars and skill-based learning.
- Conduct of Early Clinical Exposure (ECE), Self Directed Learning (SDL), AETCOM modules, integrated teaching, case-based learning, problem-based learning, role plays, and prescription writing exercises to enhance clinical reasoning and rational prescribing skills.
- Active participation in the Pharmacovigilance Programme of India (PvPI) through the ADR Monitoring Centre by promoting adverse drug reaction reporting, medication safety and rational use of medicines.
- Promotion of undergraduate and faculty research through research projects, ICMR-STs guidance, scientific presentations, publications and Continuing Medical Education (CME) programmes.
- Organization of seminars, quizzes, guest lectures, workshops and discussions on recent advances in pharmacology, new drug therapies, regulatory updates and evidence-based medicine to encourage active learning and scientific inquiry.
- Conduct of prescription auditing, medication safety initiatives, antimicrobial stewardship activities, and awareness programmes to strengthen rational pharmacotherapy and patient safety.
- The faculty are actively engaged in digital education by creating and uploading educational videos, lectures, demonstrations and learning resources on online educational platforms and institutional channels, thereby extending learning beyond the classroom and supporting self-directed, lifelong learning among students.
- Encouragement of students to participate in academic competitions, scientific events, quizzes, and extracurricular activities to foster communication skills, leadership, teamwork, professionalism and lifelong learning.
- Celebration of cultural events such as the Ganesh Festival, along with sports and recreational activities, to promote personality development, social responsibility, leadership qualities, teamwork and a healthy balance between academics and overall well-being.

- Skill lab

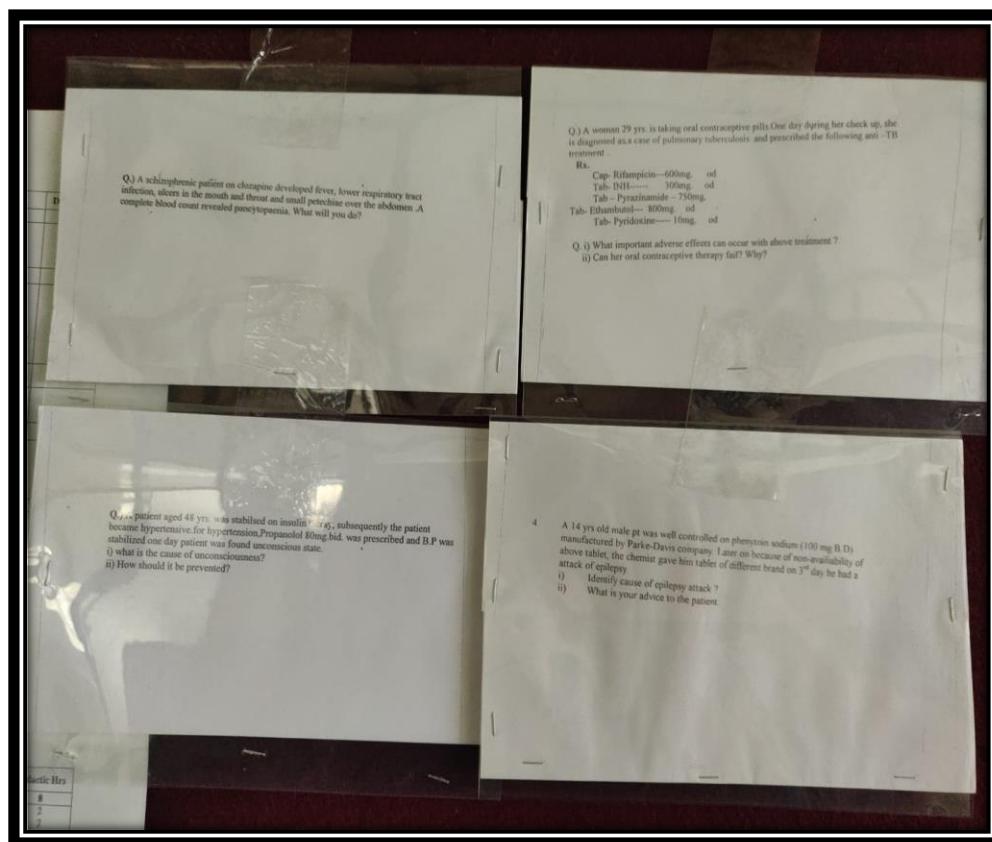


- Seminar





- **Therapeutic problem discussion:**



- **Online education:**



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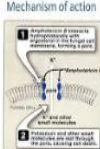
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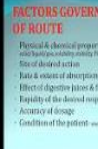
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ANAEMIA IN PREGNANCY

- Anaemia is also the most common indirect cause of maternal mortality
- Anaemia will worsen the capacity to tolerate blood loss.
- Most common type of anaemia in pregnancy is dimorphic anaemia, that is combination of vitamin B12 and Folic acid and iron deficiency anaemia.
- Vitamin B12 and Folic acid deficiency because of malnutrition and
- Iron deficiency anaemia -microcytic hypochromic anaemia
- Vitamin B12 deficiency causes megaloblastic or macrocytic anaemia
- Most common cause of anaemia is nutritional deficiency or malnutrition

Anaemia in Pregnancy explained in Marathi

72 views • Apr 18, 2021

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This video covers the explanation of Anaemia in pregnancy in Marathi. This video is created under the guidance of Dr. Kiran Vakade by Pratiksha Santosh Bhandari.



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CONGESTIVE HEART FAILURE



CONGESTIVE HEART FAILURE

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CONGESTIVE HEART FAILURE in Marathi
by GAURAV VIJAYRAO DESHMUKH
under guidance of Dr. KIRAN VAKADE M.B.B.S. M.D. (PHARMACOLOGY)

Felicitation Programme of Certificate course in Modern Pharmacology (CCMP) Batch 22-23



CME on Innovations in the Management of Hypothyroidism and Hyperthyroidism- jointly organised by the Department of Pharmacology and Department of Community Medicine on 25th July 2025



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The Department of Pharmacology organized a guest lecture titled "Pharmacovigilance: A Gateway to Careers in Drug Safety and Regulatory Sciences" on 23rd July 2025 by Dr. Shefali Adhikari to create awareness about career opportunities and recent advances in pharmacovigilance and regulatory sciences.





- Maharashtra Pharmacologists conference 2012 conducted by Department of Pharmacology on 13th and 14th July 2012





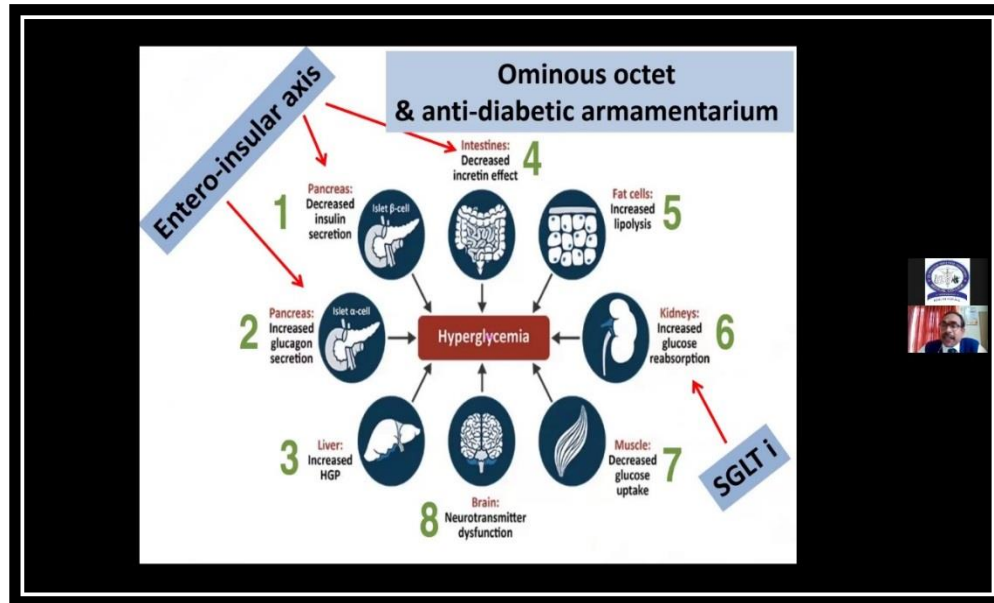
- Guest Lecture on “Guidelines in the Management of Tuberculosis” is delivered By Dr. Sushilkumar Wakchaure on 02/06/2021



Guest Lecture on Guidelines in the Management of Malaria delivered By Dr. Anil Sonawane on 12th August 2021



CPD (webinar) on “Current Guidelines for the management of Diabetes Mellitus”
conducted on 24th August 2021



The Department of Pharmacology organized a guest lecture on "Pharmacology Awareness" on 22nd September 2022 by Dr. Shyamsundar Jadhav to create awareness about the importance of Pharmacology in clinical practice and healthcare.



The Department, in association with the Department of Forensic Medicine and Toxicology (FMT), observed International Overdose Awareness Day on 31st August 2022 through awareness programmes promoting overdose prevention, medication safety and responsible use of medicines.

