

## Teaching Learning Process

**Details of ICT- enabled tools for effective teaching with Learning Management System (LMS), E-learning resources etc**

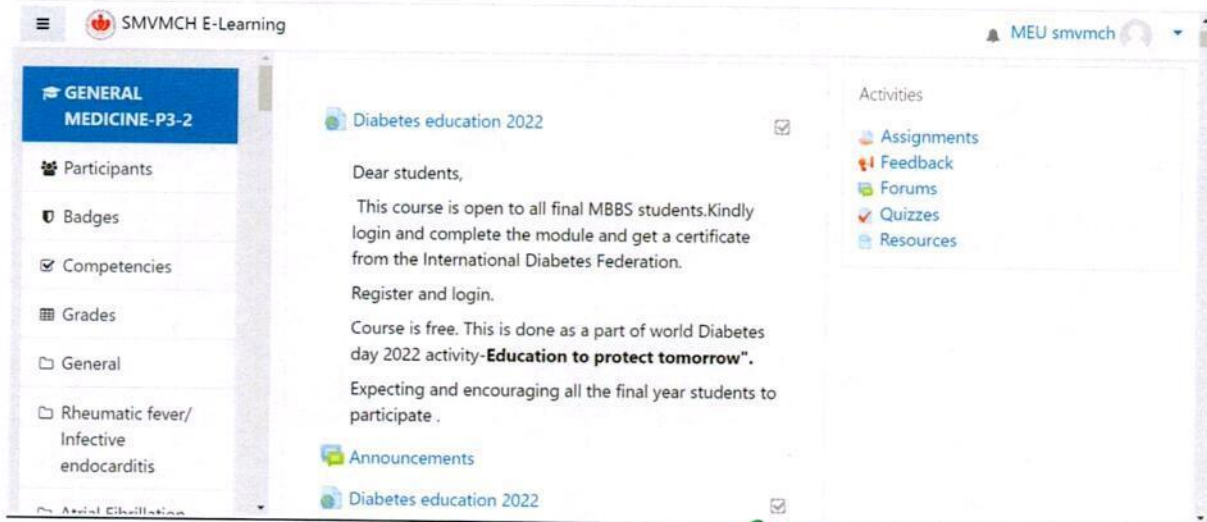
### Undergraduates

#### Institutional Learning Management System - MOODLE

Our Institute has its own online “MOODLE based Learning Management System – version 3.10”, which provides a platform of e-learning to the students, teachers and administrators. It offers around 20 courses accessed by the students, created and managed by the teachers. This “e-learning” platform is effectively used for posting schedules, providing access to interactive powerpoints, e books, e-notes in pdf format etc. Various activities like assignments, quizzes, discussion forums, pages, workshops, lesson activities are actively utilized in the LMS for an effective teaching learning process.

#### Courses in LMS

##### *E -Course in Diabetes*



The screenshot displays the Moodle LMS interface for SMVMCH E-Learning. The left sidebar shows a navigation menu with 'GENERAL MEDICINE-P3-2' selected. The main content area features a course announcement titled 'Diabetes education 2022'. The announcement text reads: 'Dear students, This course is open to all final MBBS students. Kindly login and complete the module and get a certificate from the International Diabetes Federation. Register and login. Course is free. This is done as a part of world Diabetes day 2022 activity-**Education to protect tomorrow**". It also states: 'Expecting and encouraging all the final year students to participate.' The right sidebar lists activities such as Assignments, Feedback, Forums, Quizzes, and Resources.

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## E-Course in Amphibian Experiments

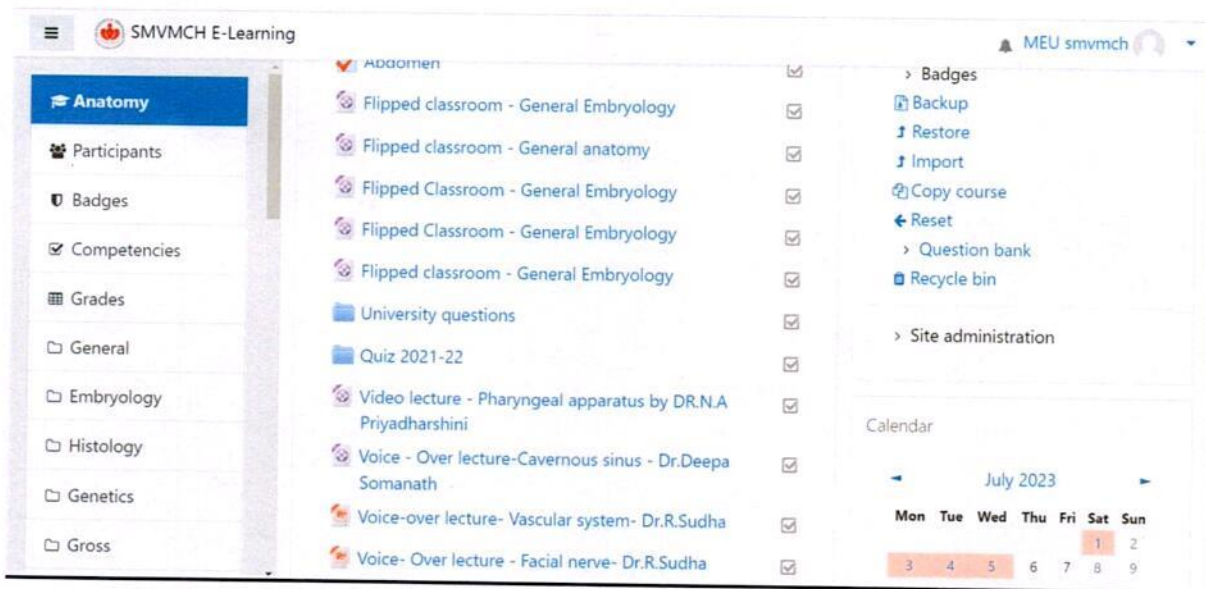
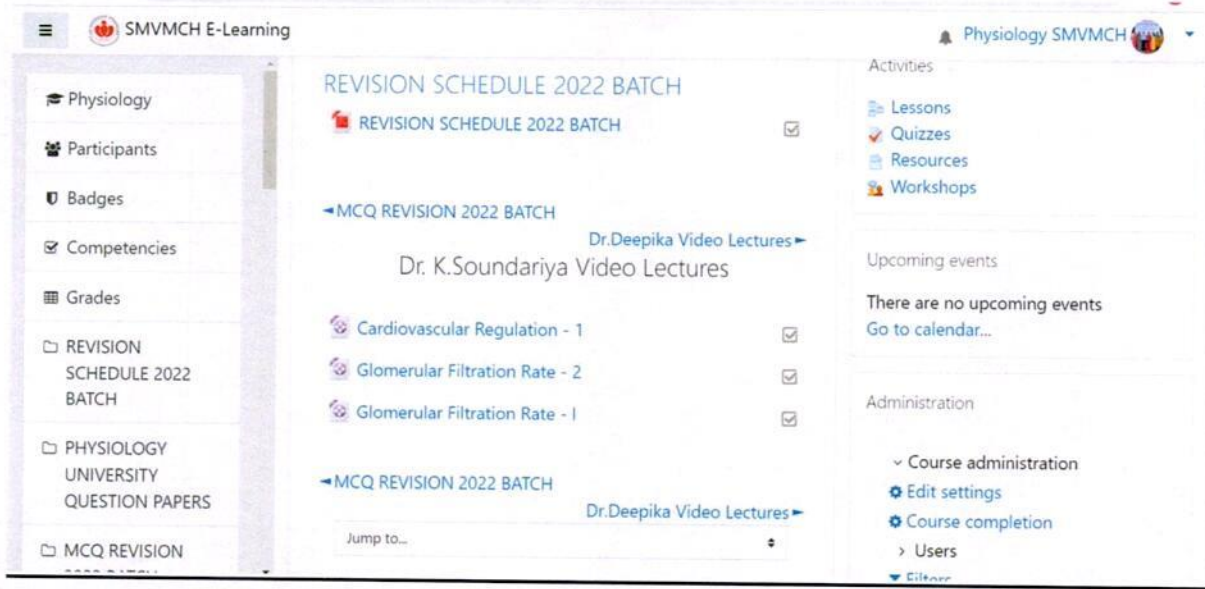
The screenshot shows the SMVMCH E-Learning interface for the Physiology course. The left sidebar contains navigation options: Physiology (selected), Participants, Badges, Competencies, Grades, REVISION SCHEDULE 2022 BATCH, PHYSIOLOGY UNIVERSITY QUESTION PAPERS, and MCQ REVISION. The main content area displays course progress for three modules: 'E-course in Amphibian Experiments' (Files: 3, Progress: 0/3), 'General Physiology' (File: 1, Quiz: 1, Progress: 0/2), and 'Blood' (Files: 10, Quiz: 1, Progress: 0/11). Below these is a section for 'Nerve Physiology' (File: 1, Quiz: 1, Progress: 0/2). On the right, there is a 'Gradebook setup' menu with options: Badges, Backup, Restore, Import, Reset, Question bank, and Recycle bin. A calendar for July 2023 is also visible, showing dates from Monday to Sunday.

This screenshot shows the SMVMCH E-Learning interface with a list of subjects available for selection. The left sidebar includes: Dashboard, Site home, Private files, and My courses. The main content area lists the following subjects: Anatomy, Biochemistry, ENT, Forensic Medicine, Community Medicine, Microbiology, Ophthalmology, Orthopaedics, Pathology, Pharmacology, Physiology, and Anaesthesiology.

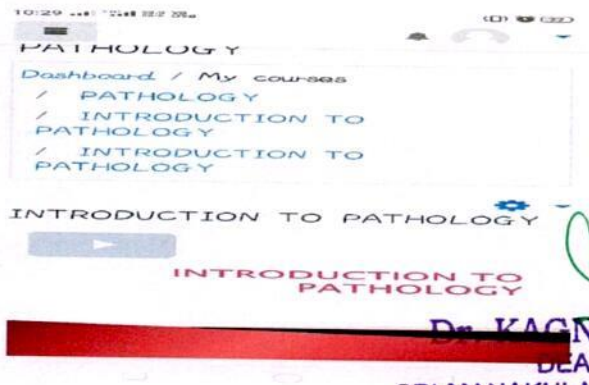
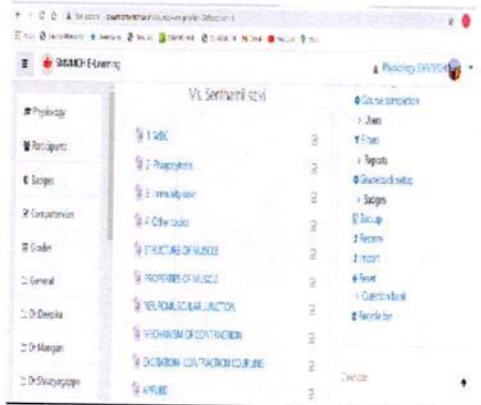
This screenshot shows the SMVMCH E-Learning interface with a list of subjects available for selection. The left sidebar includes: Dashboard, Site home, Private files, and My courses. The main content area lists the following subjects: Anaesthesiology, Dental, Dermatology, General Medicine, General Surgery, Radio Diagnosis, Obstetrics & Gynaecology, Paediatrics, and Psychiatry.

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**Video/Voiceover lectures uploaded in LMS**



**Powerpoints in LMS**



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## Activities in LMS

### Case Scenario Based Discussion

SMVMCH E-Learning

MEU smvmch

**GENERAL MEDICINE-P3-2**

- Participants
- Badges
- Competencies
- Grades
- General
- Rheumatic fever/ Infective endocarditis

**A2-ATRIAL FIBRILLATION-PBL**

42 year male, came to emergency department with c/o Palpitation and breathlessness since the day morning. He is a known case of RHD with Mitral Stenosis (on irregular treatment) . Clinical examination revealed a Pulse rate of 146/min, irregular and a BP of 90/60 mm of Hg. His saturation was 90%in room air. He was started on oxygen and antiarrhythmic drugs by the emergency team. After 5 hours of his admission, patient noticed sudden onset of weakness of his right upper limb and lower limb with a power of 3/5 in his clinical examination.

Approach this case scenario

AF -pretest

### Experiential Learning in LMS

SMVMCH E-Learning

GENERAL MEDICINE-P3-2

- Participants
- Badges
- Competencies
- Grades
- General
- Rheumatic fever/ Infective endocarditis

**A6 -Acute myocardial infarction**

This session will be experiential learning.

Each group is allotted a patient of an acute coronary syndrome.

You are expected to take presenting history, presenting clinical features, investigations and management.

You have to take a photo of the ECG and relevant investigations and upload to info.medicine@smvmch.ac.in

one upload per group is mandatory.

A6-myocardial infarction

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SMVMCH E-Learning

Physiology SMVMCH

**Restricted** Not available unless: You belong to **Selvi tutorial group**

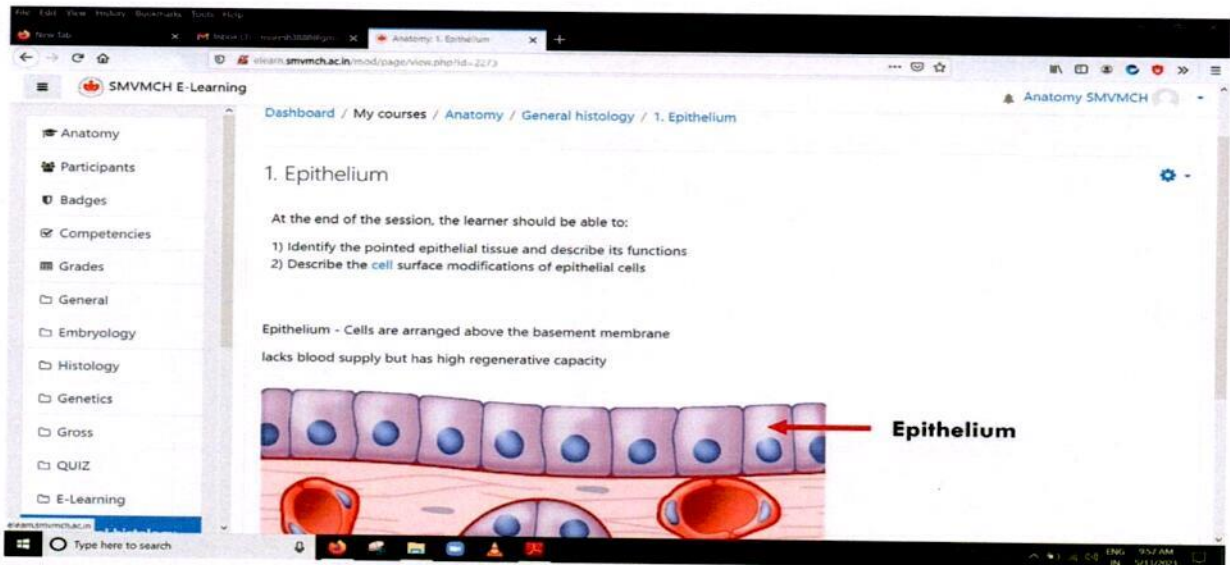
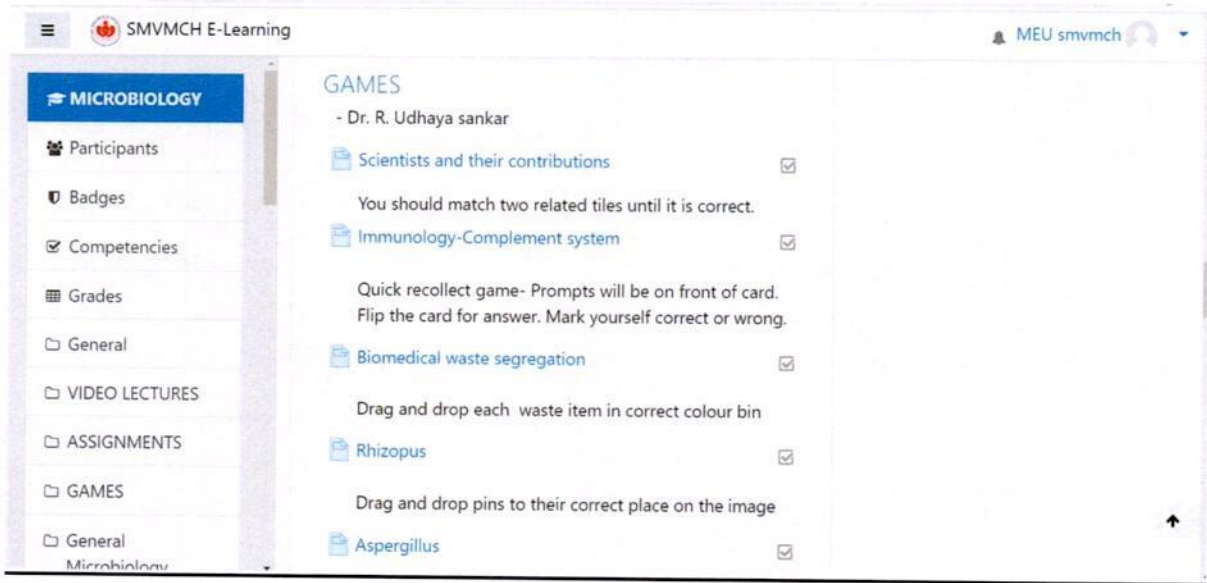
Short videos on physiology topics by students

- Student teacher - video files part I
  - Guruprakash - neurotransmitter.mp4
  - Jane prabha - HCG.mp4
  - Kalaiarasi - secondary active transport.mp4
  - Kanchi venisha tuberculosis.mp4
  - kapilan blood storage.mp4
- video files part II
  - Karan fetoplacental unit.mp4
  - Links to google drive.docx
  - Shelin hepziba.mp4
  - Shephrine - MI.mp4
  - Sibi dehydration.mp4

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Interactive E-Contents posted in LMS

Games with wordwall.net



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