



Unveiling Excellence

USTM

Sample Screenshot Copies

Learning Management System (LMS)

The screenshot displays the USTM LMS login page. At the top left is the university logo and name: **University of Science & Technology Meghalaya**, NAAC 'A' Graded University. To the right are login fields for **Username** and **Password**, with a **Forgot your username or password?** link. Below the header is an orange navigation bar with **USTM LMS** and **Departments** links, and a search icon. The main content area features a banner image of a library with a download icon and an **Expand all** link. Below the banner are three session selection options: **Session:- July 2022 TO June 2023**, **Session: July 2023 To June 2024**, and **Old Session**. The footer contains a **Calendar** section for **OCTOBER 2023** and the text **University of Science and Technology Meghalaya**.

UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA



**University of Science &
Technology Meghalaya**
NAAC 'A' Graded University

University of Science and Technology Meghalaya

Remember username

Log in

[Forgotten your username or password?](#)

Cookies must be enabled in your browser [?](#)

Some courses may allow guest access

Log in as a guest



University of Science & Technology Meghalaya
 NAAC 'A' Graded University

[Forgotten your username or password?](#)

USTM LMS

Departments



▸ Session:- July 2022 TO June 2023

▸ Session: July 2023 To June 2024

▸ Old Session

Calendar

OCTOBER 2023

University of Science and Technology
 Meghalaya



Practical on Biochemistry and Metabolism and Cell Biology

Full Course with Contents and Activities



This course enhances the practical application of the concept based on the theory courses of the semester. After successful completion, this course enables students

CO1. To get the idea of preparing of biochemical solution of different strength including Stock Solution, PPM, Per cent, Normal, Molar and Millimolar solutions.

CO2. To get an insight into the biochemical methods for the estimation of carbohydrates, proteins and amino acids both quantitatively and qualitatively. It also helps students to develop the idea of separation of plant pigments and amino acids using chromatographic methods of TLC/ Paper chromatography.

CO3. To understand the different stages of cell division process of mitosis and meiosis- chromosome staining in root tip and flower bud. It also deals with the various other cellular processes like plasmolysis, dialysis etc.

CO4. To understand the mechanism of fermentation through the production of ethanol using Baker's yeast as a part of industrial application of microbes

Attendance

Open Discussion Forum

▶ Open all ▼ Close all

Instructions: Clicking on the section name will show / hide the section.

▼ Biochemistry and Metabolism





University of Science & Technology Meghalaya
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USTM LMS

Departments

My courses ▾

Dashboard > Courses > Session:- July 2022 TO June 2023 > Physiotherapy > General Medicine > Cardiovascular System | Part I.



Announcements

Cardiovascular System | Part I





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USTM LMS

Departments

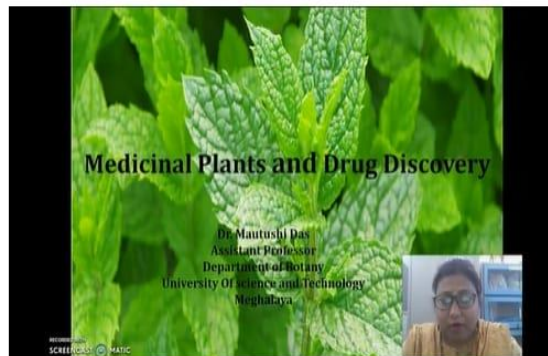
My courses ▾

Dashboard > Courses > Session:- July 2022 TO June 2023 > Botany > Medicinal Plants and Drug Discovery > Medicinal Plants and Drug Discovery



Announcements

Medicinal Plants and Drug Discovery





Climatology

...er limit of the troposphere is called Tropopause

- Tropopause is ...
- The height of the tropopause is 9-10km at the poles and 12km at the equator
- Atmospheric lapse rate stop in this layer
- It acts as the boundary between troposphere and stratosphere
- This layer is marked by ...

✓ **Stratosphere: 'most ideal for flying airplanes'**

- ... from the earth surface
- In this layer the temperature remains constant for some distance but then rises and reaches to 0°C at 50km
- ... of temperature
- This layer is free from clouds but sometimes cirrus cloud are present at lower layer.
- Most ideal for flying airplanes.
- The infrequent clouds that do occur are ... are ...

Rise in temperature is due to the presence of ozone layer (harmful UV rays absorbed by ozone)

Inversion of temperature - 5

...aceous or mother of pearl clouds because

