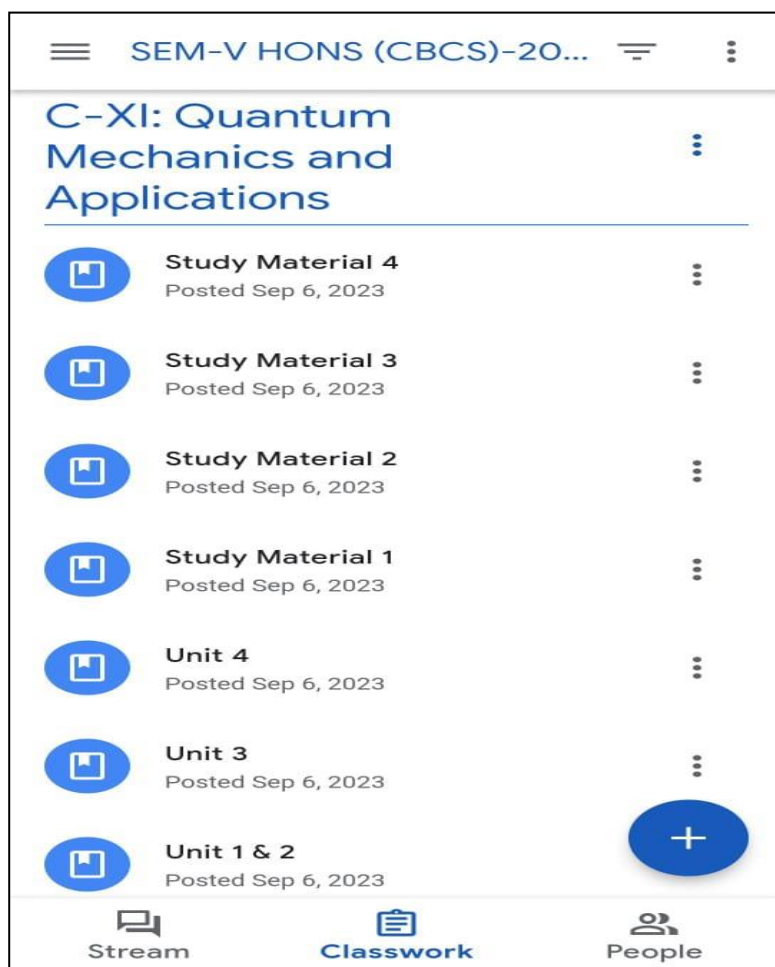


## ICT TOOLS USED IN DIGBOI COLLEGE

SL NO.	ICT TOOLS USED BY THE FACULTIES
1	Google Classrooms
2	Google Meet
3	OBS Studio
4	ZOOM
5	Quizz
6	Kahoot
7	Cisco
8	Swayam

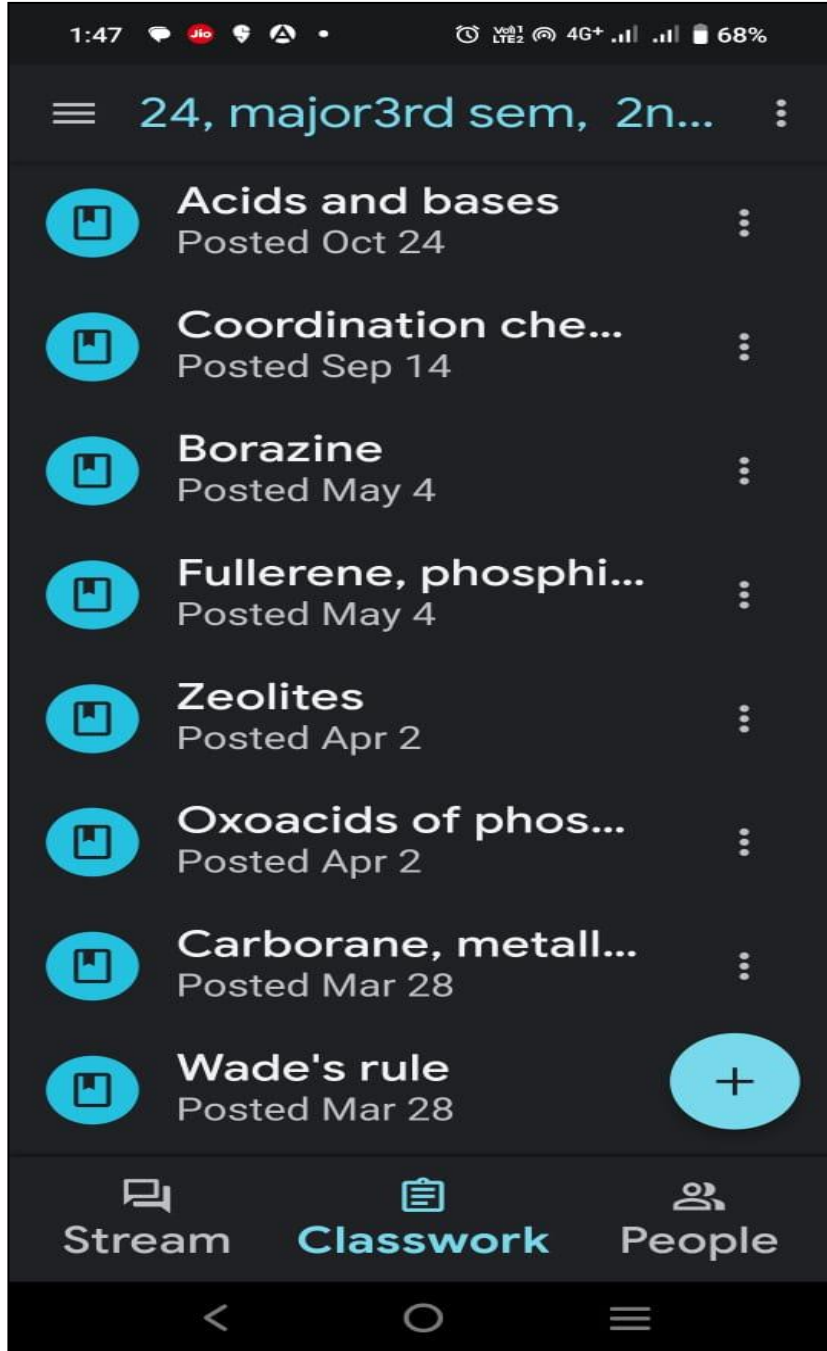
Sharing academic Information/Notices/study material/assignment with students through Google classroom



The screenshot shows a Google Classroom interface for a course titled "SEM-V HONS (CBCS)-20...". The course content is organized into a list of items, each with a document icon and a three-dot menu to its right. The items are:

- C-XI: Quantum Mechanics and Applications
- Study Material 4 (Posted Sep 6, 2023)
- Study Material 3 (Posted Sep 6, 2023)
- Study Material 2 (Posted Sep 6, 2023)
- Study Material 1 (Posted Sep 6, 2023)
- Unit 4 (Posted Sep 6, 2023)
- Unit 3 (Posted Sep 6, 2023)
- Unit 1 & 2 (Posted Sep 6, 2023)

At the bottom of the screen, there is a navigation bar with three icons: "Stream" (document icon), "Classwork" (document icon with a plus sign), and "People" (person icon). A large blue plus sign is visible in the bottom right corner of the content area.





Galaxy S24

19 December 2024 12:31 pm



## Study Material 4

### Attachments



 Fine spectra hydro...



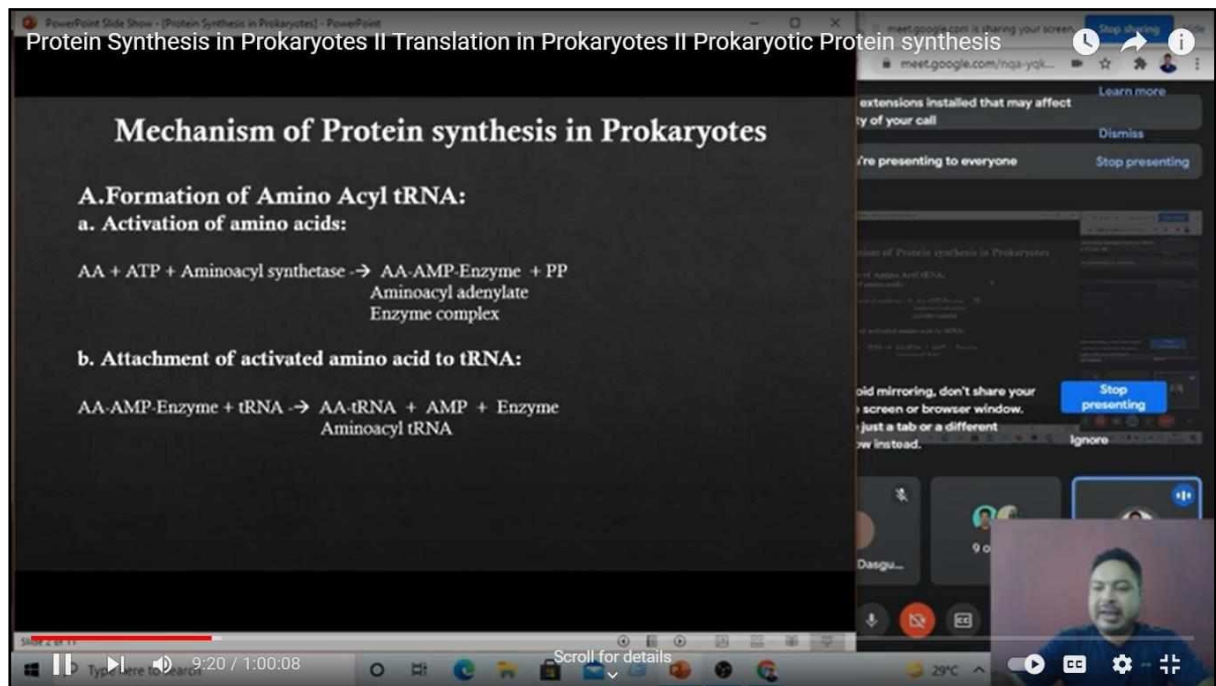
 Hunds\_rule.pdf

### Class comments

Class comment



## Glimpses of ICT classes (GOOGLE MEET) delivered by faculties



The screenshot shows a Google Meet interface with a presentation slide titled "Mechanism of Protein synthesis in Prokaryotes". The slide content is as follows:

**Protein Synthesis in Prokaryotes II Translation in Prokaryotes II Prokaryotic Protein synthesis**

### Mechanism of Protein synthesis in Prokaryotes

**A. Formation of Amino Acyl tRNA:**

**a. Activation of amino acids:**

$$AA + ATP + \text{Aminoacyl synthetase} \rightarrow AA\text{-AMP-Enzyme} + PP$$

Aminoacyl adenylate  
Enzyme complex

**b. Attachment of activated amino acid to tRNA:**

$$AA\text{-AMP-Enzyme} + tRNA \rightarrow AA\text{-tRNA} + AMP + \text{Enzyme}$$

Aminoacyl tRNA

The screenshot also shows a video feed of a participant in the bottom right corner and various Google Meet controls like 'Stop presenting', 'Dismiss', and 'Ignore'.

Types of Education

Press Esc to exit full screen

**TYPES OF EDUCATION**  
শিক্ষাৰ প্ৰকাৰ

Poban Gogoi  
Assistant Professor  
Department of Education  
Digboi College

Click to add notes

0:04 / 15:01

LPG Policy : Liberalization, Privatization, Globalization. উদাৰীকৰণ, ব্যক্তিগতকৰণ, গোলকীকৰণ/ বিশ্বায়ন

Press Esc to exit full screen

**Higher Secondary ECONOMICS**  
অৰ্থবিজ্ঞান

**LPG Policy** নীতি

**Liberalisation** উদাৰীকৰণ  
**Privatisation** ব্যক্তিগতকৰণ  
**Globalisation** গোলকীকৰণ

Assamese & English

0:09 / 54:55

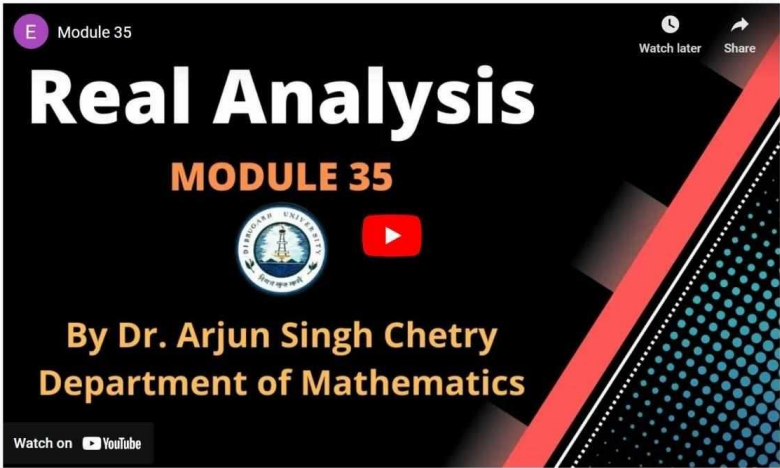
## SWYAM

Dr Arjun Singh Chetry from dept. of Mathematics designed and delivered a course in SWAYAM on Real Analysis. This course on Real Analysis is basically prepared for the Core course C 3.1 of the UGC prescribed syllabus on Mathematics non-Honours, however, it can be taken by learners with Mathematics Honours. This course is designed to provide the learners an understanding of the analytical aspects of various mathematical objects pertaining to the set of real numbers. It covers the basic characterizing properties of real numbers, the sequence and series of real numbers and their convergence and finally, the sequence of real valued functions and their convergence and finally, the sequence of real valued functions and their convergence.

Module 35 : Root Test

Course outline

- Week 1 : Countable Sets
- Week 2 : Properties of Countable Sets
- Week 3 :  $\mathbb{R}$  is a complete ordered field
- Week 4 : Intervals and Real Sequences
- Week 5 : Properties of Convergent Sequences
- Week 6 : Types of Convergent Sequences I
- Week 7 : Types of Convergent Sequences II
- Week 8 : Series and Convergence
- Week 9 : Tests of Convergence I
  - Module 33 : Comparison Test
  - Module 34 : Limit Comparison Test
  - Module 35 : Root Test
  - Module 36 : Ratio Test



Real Analysis  
MODULE 35  
By Dr. Arjun Singh Chetry  
Department of Mathematics

Watch on YouTube

Send us your feedback [Feedback](#)


<https://www.youtube.com/watch?v=6dgl3LbWz8k>

Module 35 : Root Test

Course outline

- Week 1 : Countable Sets
- Week 2 : Properties of Countable Sets
- Week 3 :  $\mathbb{R}$  is a complete ordered field
- Week 4 : Intervals and Real Sequences
- Week 5 : Properties of Convergent Sequences
- Week 6 : Types of Convergent Sequences I
- Week 7 : Types of Convergent Sequences II
- Week 8 : Series and Convergence
- Week 9 : Tests of Convergence I
  - Module 33 : Comparison Test
  - Module 34 : Limit Comparison Test
  - Module 35 : Root Test
  - Module 36 : Ratio Test

Course Material Week 9



0:43 / 25:04

Ask a question

Send us your feedback [Feedback](#)