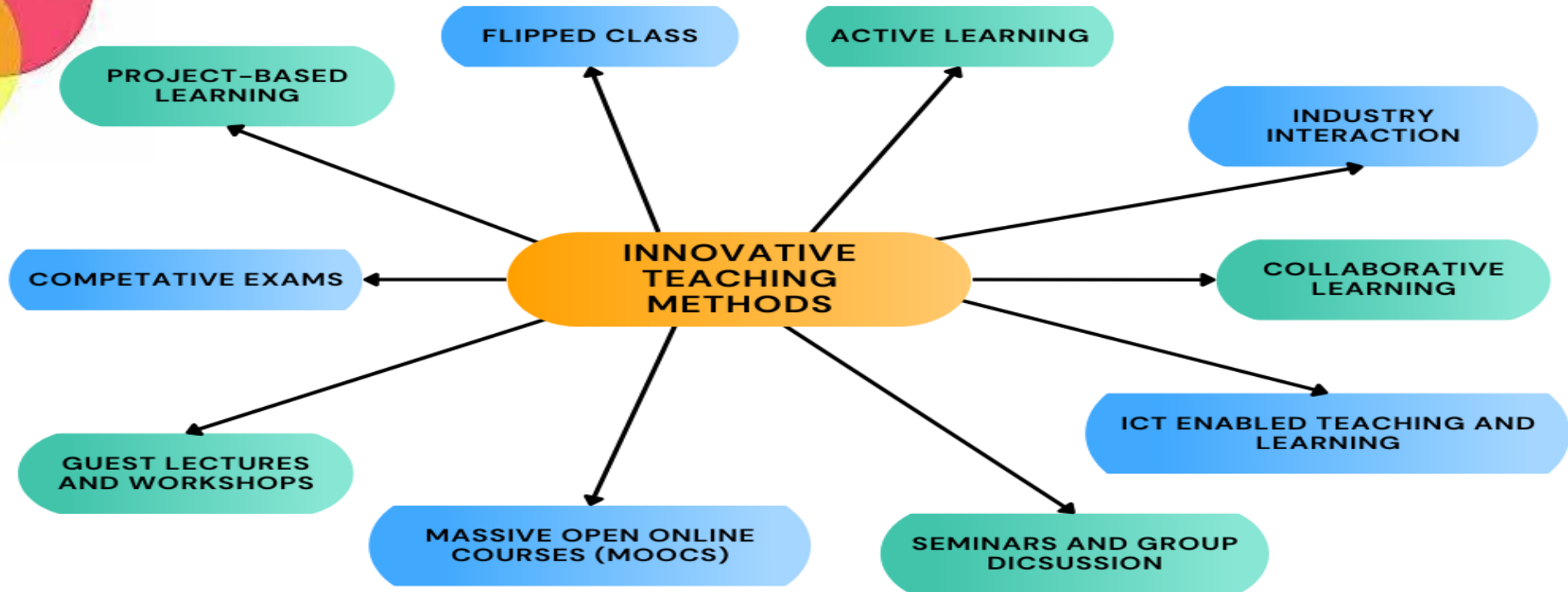
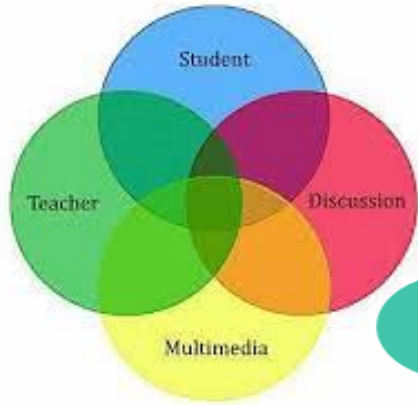
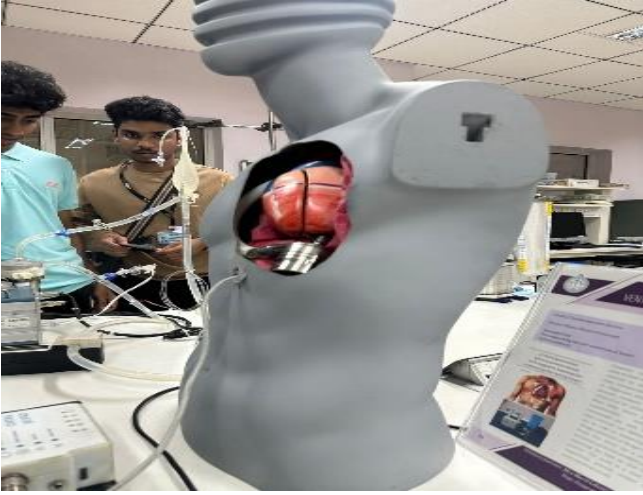


INNOVATIVE TEACHING & LEARNING



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Industry Interaction

Industry interaction including industrial visits, Internships equips students with practical commercial experience, enhancing their project management, regulatory, and product development skills, and complementing their academic knowledge to better prepare them for the job market.



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Project-Based Learning

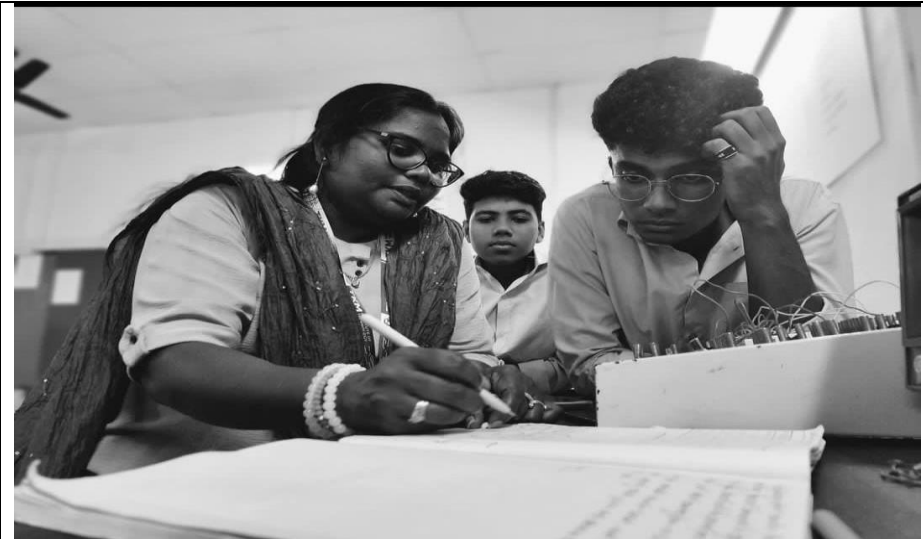
Project-based learning (PBL) is an instructional approach that immerses students in real-world challenges, fostering critical thinking, problem-solving, collaboration, and communication skills

- 2022-2026 batch students undertook group projects using Aurdrino Uno for the course Microprocessor and Microcontroller guided by Ms. Lakshmy G.



WhatsApp Video
2024-08-11 at 17.35.2

<https://www.mediafire.com/file/j6j3i0lsb52lp9d/3353cf24-0440-45db-ab28-fd09a2d55e46.mp4/file>



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- Students in the Biomechanics course(2021-25batch) undertook individual projects using Kinovea software to analyze running gait, enhancing their practical understanding of human movement analysis and exploring advanced concepts beyond the standard curriculum guided by Mr. Jaison Jacob.



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Guest Lectures and Workshops



Seminar on Artificial Intelligence



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Workshop on MATLAB



IEEE AND BLAZE PRESENTS
CAREER DEVELOPMENT
WORKSHOP FOR BIOMEDICAL ENGINEERS

 **WEDNESDAY**
APRIL 3RD, 2024

 **SEMINAR HALL**

 **9:30AM -12:10PM**



PROGRAM LEAD BY
AYYAPADAS M
DIRECTOR HARVEY BIOMEDICAL
BANGALORE



Career development program by HARVEY



Workshop on PYTHON



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Seminars and group discussions

- Faculty members encourage Seminars and group discussions are conducted in classrooms with the notion of improving students' soft skills

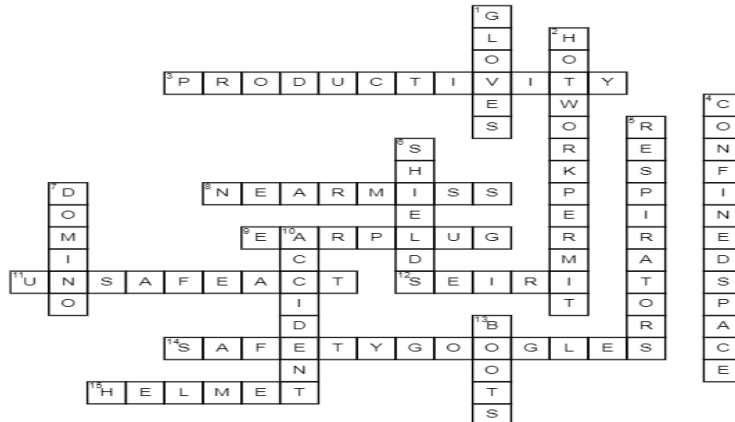


Active Learning

Active learning techniques are implemented through problem-solving exercises, case studies, role-playing, and debates.

Name: _____ Date: _____

TUTORIAL 1 MCN401



Across

- 3. Safety and are two sides of a coin
- 8. A narrow escape of injury or any harm
- 9. Protect your ears
- 11. Horseplay, Not using proper PPEs is an example of.....
- 12. First S of house keeping

- 14. Protect your eyes
- 15. Protect your head

Down

- 1. Protect your arms
- 2. Permit given for welding purpose
- 4. Region having limited access/entry/exit
- 5. Respiratory Protection Equipment

- 6. Body Protection
- 7. Theory developed by H. W. Heinrich
- 10. An Undesirable Event
- 13. Foot Protection



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Collaborative Learning

- This approach enhances teamwork and communication skills while fostering a strong sense of community in the classroom. A key advantage of collaborative learning is that it allows students to learn from one another.

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B Tech

Tutorial 1

MCN401: Industrial Safety Engineering

Max Mark: 10

Duration: 30 Minutes

Each question carries 1 mark.

- 1) What is the purpose of personal protective equipment (PPE)? K2
 - a) To improve work efficiency
 - b) To enhance employee comfort
 - c) To prevent or minimize exposure to hazards
 - d) To comply with government regulations
- 2) What are the two main categories of PPE? K2
 - a) Respiratory and non-respiratory equipment
 - b) Head and foot protection
 - c) Eye and ear protection
 - d) Hand and body protection



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Competitive exam Qualifiers

AIR 12



**Ms. Malavika
(2018-22 Batch)
DUET 2022**

AIR 39



**Mr. Sai Krishna
(2020-24 Batch)
GATE 2023**

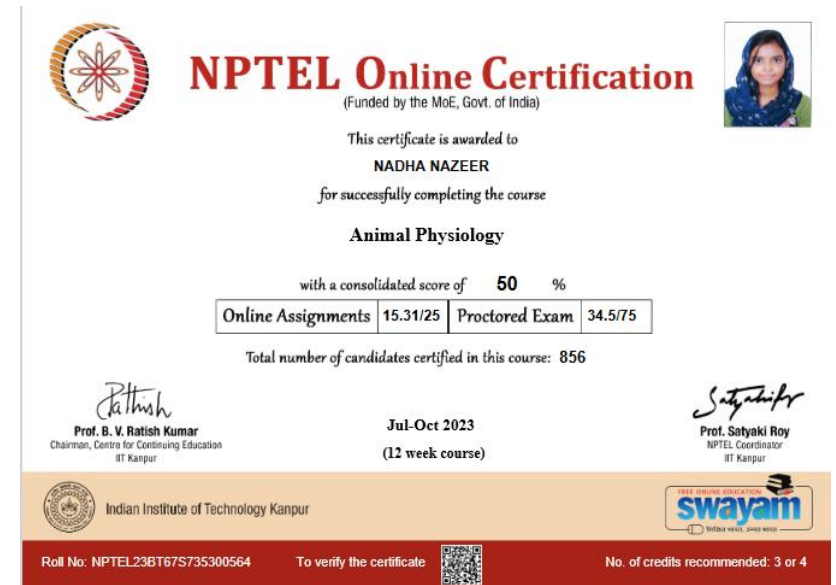


**TKM Institute of Technology
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Massive open online courses (MOOCs)

Sl. No	Academic Year	Month & Year	Total Number of Certificates	Type of Certificates		
				Elite+ Silver	Elite	Successfully completed
1	2021-22	July- December'21	16	2	7	7
2		January- April '22	9	1	2	6
3	2022-23	July- December'22	9	1	8	-
4		January- April '23	13	1	7	5
5	2023-24	July- December'23	6	-	1	5
6		January- April'24	3	-	-	3



NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
NADHA NAZEER
for successfully completing the course
Animal Physiology
with a consolidated score of **50** %

Online Assignments	15.31/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 856

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Oct 2023
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL23BT67S735300564 To verify the certificate

No. of credits recommended: 3 or 4



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Flipped Classroom



- In a flipped classroom, students engage with instructional content at home, typically through pre-recorded lectures, reading materials, or multimedia resources. Class time is then dedicated to active learning activities like discussions, problem-solving, group work, and hands-on projects.



ICT Enabled Teaching and Learning



- All class rooms are equipped with projectors for presentation and engage classes with video clippings and animations. Different ICT Enabled Teaching and Learning techniques are employed. This provides a real-time learning experience to the students and eases the understanding of the difficult concepts as we try to incorporate visuals or animations rather than just explaining in words.