

Studentaktiv undervisning for å styrke læringsmiljø

– eksempel frå NORPART om klimaforskning

Konferanse for høgare utdanning 2023

Universitet i Agder

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Souman Rudra

Professor, PhD

Leader of Bioenergy and Thermal Energy Group

Former European Climate Pact Ambassador

Project leader for the CARE project

University of Agder.

Presentation Points

Aktiv læring og problembasert læring(PBL)

Fremtidige læringsmetoder

Modulær læring

Vurderingsverktøy og utvidelse av klasserom

Eksempel frå NORPART om klimaforskning

University of Agder

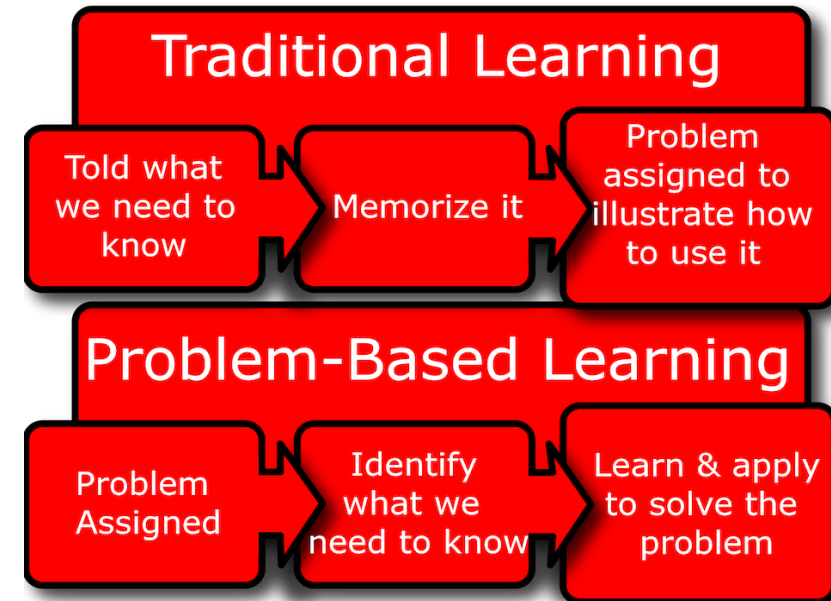
Aktiv læring

- Engaging experience,
- Fostering critical thinking,
- Collaboration, and
- Improved retention of course material.

Hvordan implementere aktive læringsstrategier?

1. Listen-Think-pair-share
2. Small group discussions
3. Interactive lectures
4. Problem based learning(PBL)

Problembasert læring(PBL)

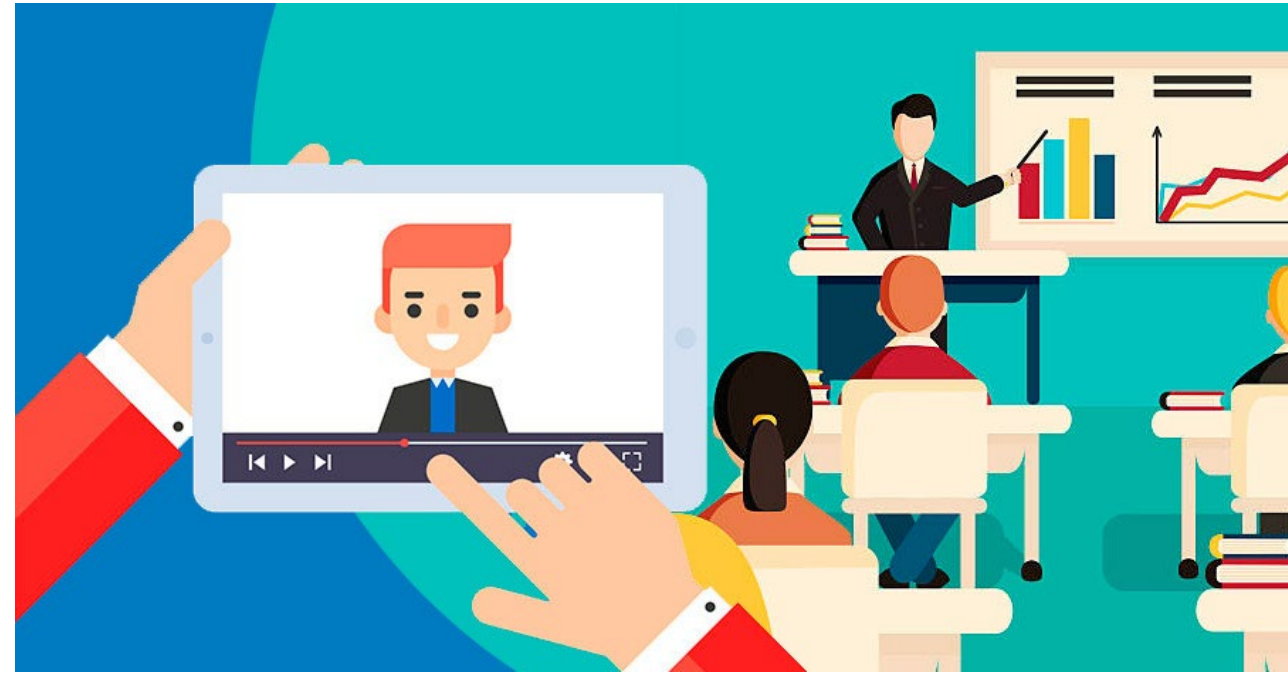


Ref: <https://educationaltechnology.net/problem-based-learning-pbl/>

Challenge: Project group, Some students may do most of the work, and others

Fremtidige læringsmetoder

- Physical classroom
 - Virtual Classroom
 - Mobile Learning
 - Blended Learning
 - Flipped Classroom
-
- Impact of excursion in future learning!
 - Example of ENE 415!



Pic: <https://www.abiztar.com.mx/>

Modulær læring

- Bite-sized learning
- Streamlining the learning process
- Enabling structure e.g. by title, week etc
- Variation
- Supporting various learning styles



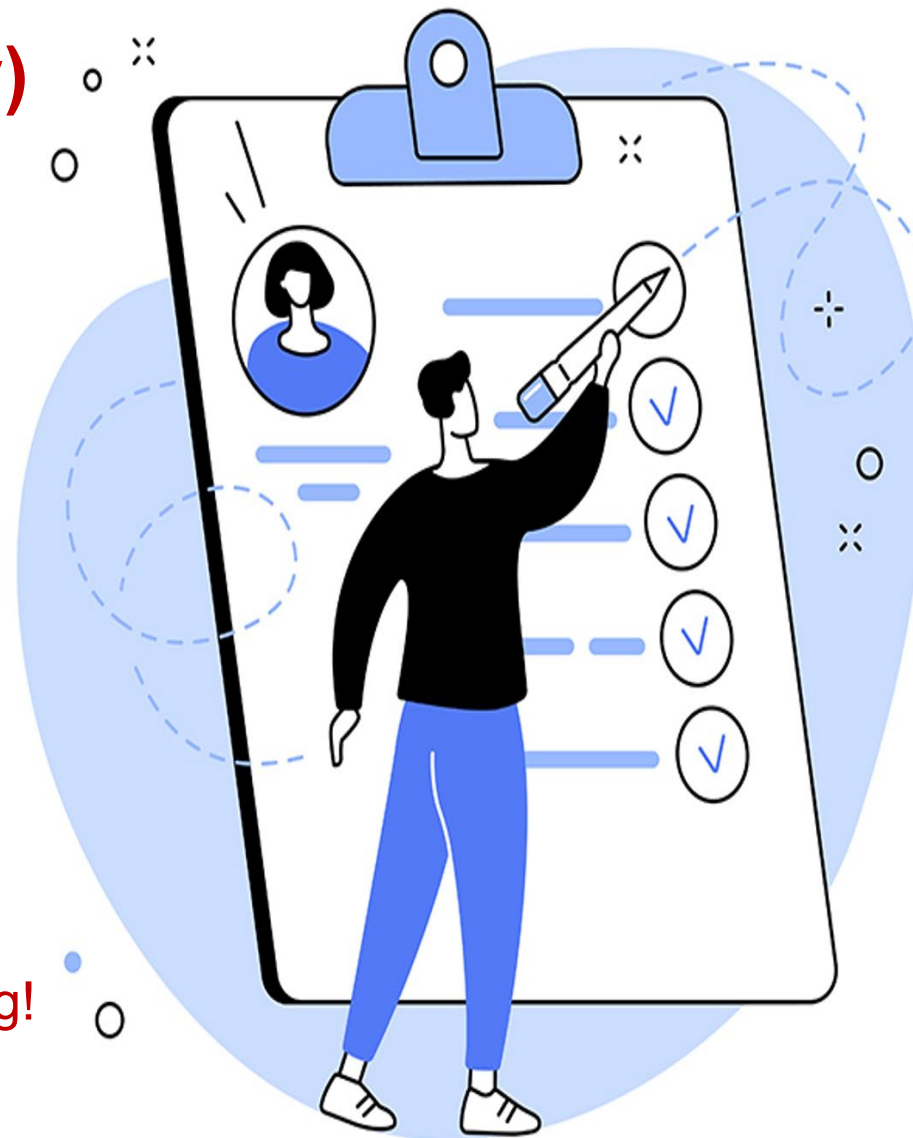


Repository (Oppbevaringssted)

- Organizing and
- Storing data
- PPT presentation, PDF
- Everything in one place
- Easy and unlimited access to the online materials

Assessment tools(Vurderingsverktøy)

- Quizzes and question banks
 - Assignments
 - Speedreader
 - Feedback
 - Learning Outcome
 - Peer Reviews
 - Tracking performance and progress
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- Impact of feedback in lab reports in the final grading!



Expanding classroom walls (utvidelse av klasserom)



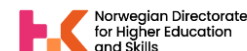
- Supporting National and University goals

Strategy 2021 → 2024

Vision: **Co-creation of tomorrow's knowledge**

Values: **Openness. Trust. Academic quality. Respect.**

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all



Norwegian Directorate
for Higher Education
and Skills

Thematic
areas

Knowledge
and insight

Programmes, grant
schemes and events

Foreign
education

About us

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NORPART

Programme/grant scheme • Number of grants: 0

Norwegian Partnership Programme for Global Academic Cooperation (NORPART) supports long-term academic collaboration and mutual student mobility between higher education institutions in Norway and selected partner countries in the Global South.

Eksempel frå NORPART om klimaforskning



- Building a **good relationship** between the two countries through the Royal Norwegian Embassy in Dhaka.
- Facilitating CUET to build master's programs effectively. – **Master's thesis, Course on Renewable Energy and Climate Change Adaptation**, and Social Aspects.
- **Improving the quality** of Master's education at UiA

Climate change is one of the crucial issues for enduring lives on this planet. To overcome global climate issues, the CARE project aims to develop and implement partnerships between the University of Agder in Norway and Chittagong University of Engineering and Technology in Bangladesh to enhance the quality of the higher education system in renewable energy and climate change.

About >

Partner institute >

UiA Team >

Student exchange >

Staff exchange >

Curriculum >

Full degree master's
Scholarship >

Contact

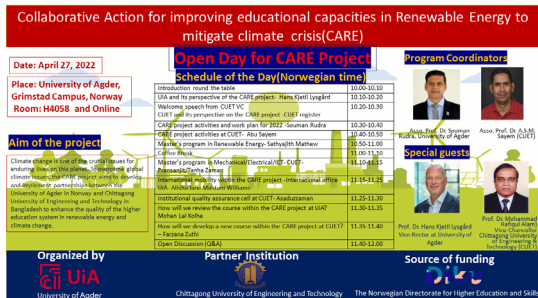
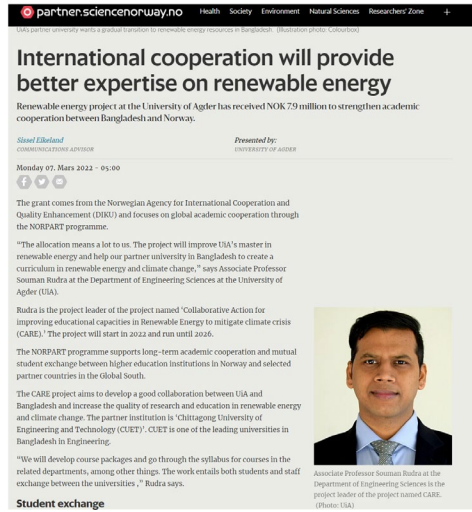


Souman Rudra
Project coordinator
+47 37 23 30 36
souman.rudra@uia.no

CARE Project: <https://www.uia.no/en/about-uia/faculties/faculty-of-engineering-and-science/prosjekter/care>

CARE project Dissemination

NORWAY



Bangladesh



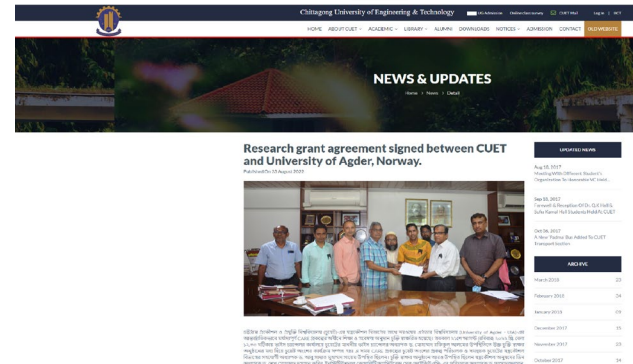
বিদ্যালয়ের বারান্দায় ঘুমিয়ে বড় হওয়া সুরভী যাচ্ছেন নরওয়ে

আলফাডেট : ০৩ জুন ২০২০



শিক্ষাবৃত্তি নিয়ে আগামী আগস্টে নরওয়ের এংদার ইউনিভার্সিটিতে যাকেন চট্টোপাধ্যায় প্রকৌশল ও প্রযুক্তি বিশ্ববিদ্যালয়ের অধ্যাপক-পদে বিভাগের স্নাতকোত্তরের শিক্ষার্থী সুরভী আক্তার। হঠাৎ সফলতা

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Direktoratet for
høyere utdanning
og kompetanse

Active learning = Better learning



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