Challenges and Opportunities of on-line Forestry Education at Kasetsart University, Thailand

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CURRICULUM/ current total students

- B.Sc. (Forestry) /1200
- M.Sc. (Forestry)/40
- M.Sc. (Forest biological science)/30
- M.Sc. (Forest management)/ 20
- M.Sc. (Parks, Recreation & Tourism)/ 20
- M.Sc. (Forest Resource and Environment Administration) /80
- Ph.D. (Forestry) /5
- Currently, BSc=1200, MS=190, PhD=5

Overseas = 15

Situation, 2019-present

Late 2019, the pandemic of COVID-19

Extensive disruptions in traditional teaching and learning approaches

Encountered difficulties in adequately preparing educations, students, and educational institutions to effectively cope with this transformative shift
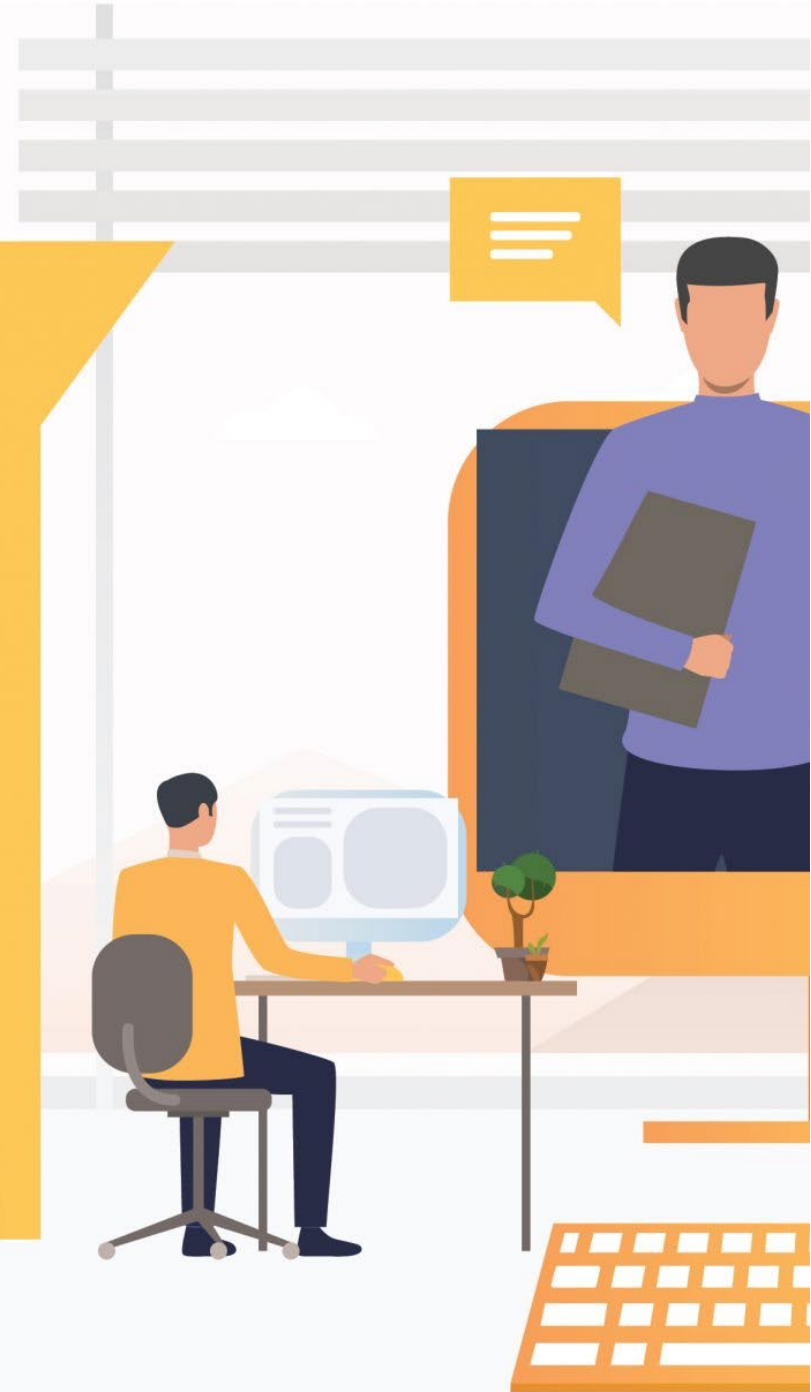
Start to introduce modern tech into teaching; VR

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Do's & Don'ts of Online Teaching in 2022

READ MORE

How to Prepare for Online Teaching

How will you teach?	→	Synchronous (Live lectures online)	or	Asynchronous (Work at own pace)		
How will students engage?	→	Self-Directed Learning	and /or	Discussion Forums	and /or	Small Gr
How will you communicate?	→	E-mail	and /or	Announcements	and /or	Virtual C
How will you assess learning?	→	Discussion Forum Posts	and /or	Group work	and /or	Online L Assignm
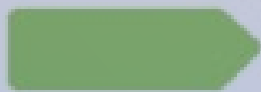
SIGNIFICANT CHALLENGES

- Incompetence of some lecturers due to their limited technical proficiency

- Online teaching skills

- Constraints in using technology, which subsequently impacted the quality of audio and video during online session

TEACHER SUPPORTS

- Trainings on
  - Teaching management systems; PPT, MS Team, Google Classroom, Zoom, Cisco Webex, Moodle, Edu-Farm platform, etc.
  - Pedagogical training
  - Online course development
  - E-Quiz, online examination and Evaluation
- Audio visual support for teaching materials management

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SIGNIFICANT CHALLENGES

- Difficulties in understanding the context of the lessons

- Issues with unreliable internet connectivity

- Struggles with time management

- Concerns about online examinations

- Decreased motivation

- Challenges with assignment organization and evaluation

Distraction posed by the home environment

SIGNIFICANT CHALLENGES

- Declining of student social activities —> soft skill, communication skill

- Learning loss in forestry competency

- Economic effect on student family

- Learning culture

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STUDENT SUPPORTS

- Support internet package to all students

- Provided Covid-19 insurance to all staffs and students

- Special loan without interest for students to buy IT devices

- 10% reduction of tuition fee in academic year 2020

- Special wages for students who partially work for faculty

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What should HEIs do?

- Provide opportunity to implement essential pedagogical review

- Fulfill learning gap in forestry competency in the AP-region, e.g. students and anyone should be allowed to attend up-skill trainings organized by KUFF and others HEIs in AP-FECM.

- Develop lifelong learning strategies that do not rely solely on a single technology but encompass a diverse range of technological tools and open for all from anywhere in the region.

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Introducing VR tech in teaching

https://www.canva.com/design/DAFluEO5GdY/7QY0FMwD4wEVHrPNjKB1PA/watch?utm_content=DAFluEO5GdY&utm_campaign=designshare&utm_medium=link&utm_source=publishsharelink

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THANK YOU FOR YOUR ATTENTION