



New Way to a Sustainable Transformational Educational Programme

NEWSTEP (101083210)

Transforming Nepal's Educational Landscape in terms of Digitalization



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Acronyms and Abbreviations



CBHE	Capacity Building in Higher Education
EU	European Union
NEWSTEP	Nepal Way to a Sustainable Transformational Educational Programme
EACEA	European Education and Culture Executive Agency
HEI	Higher Education Institution
SC	Steering Committee
WP	Work Package
WPL	Work Package Leaders



Deliverable 2.2

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Introduction

In the heart of online education, developing robust pedagogical skills is a critical cornerstone. This involves a deep understanding of the evolving educational landscape, as well as the distinct roles and responsibilities of both educators and students within the learning process. Our approach is rooted in principles that facilitate diverse study styles, drawing from our extensive experiences with Innovation pedagogy and our in-house online pedagogy programs at Turku University of Applied Sciences (Turku UAS).

At the project's core, we recognize a need for capacity building within Nepalese educational institutions. Specifically, this involves the development and adaptation of innovative curricula and courses tailored to the online context. Our goal is to empower educators and learners alike, fostering an environment conducive to effective online teaching and learning.

One of the main principles of Innovation pedagogy is student-centered learning. Rather than passively absorbing information, students actively engage in their own learning journey. Teachers, in turn, transition from traditional lecturers to coaches—facilitators who guide and empower students. This shift encourages experiential learning, where students learn by doing, collaborating, and critically reflecting.

Innovation Pedagogy is developed at Turku University of Applied Sciences and aligns with the demands of today's workforce. Those methodologies have been applied in different levels of education in other countries, such as Brazil and Tanzania. The innovation pedagogy approach:

- focuses on active learning and teaching where students are encouraged to take initiative, work in teams and use their creativity to take part in new innovative processes in school and work life.
- is based on experimentation, sharing information and competence and combining various perspectives.
- combines research and development activities into teaching and learning, and they can be done also in collaboration with business and industry.
- utilises active learning approach and versatile assessment methods
- changes both the teacher and student roles
- is a holistic strategic approach that encompasses all activities related to learning and teaching, as well as the related supporting structures and processes.

The WP2 Deliverable 2: Introduction to the pedagogical approach to teachers

In October 2023, Work Package 2, Deliverable 2 (WP2:D2), was started by a session on 'Introduction to the pedagogical approach to teachers'. Teachers from various Higher Education Institutions (HEIs) within the NEWSTEP consortium were given practical examples and tools that they can incorporate into their online course designs.



As the first step to mitigate the pedagogical online teaching gaps, the teachers in Nepal were provided the basic principles of online pedagogy and innovation pedagogy methodologies.

(WP2.2) Module 1: Introduction to Innovation Pedagogy (Innopeda) was introduced in October/November 2023 in Dhulikhel, Nepal with objective of developing competencies in online teaching. Module materials and assignment various themes, including innovation pedagogy, a podcast on the changes in higher education, and an introduction to the innovation pedagogy approach. The study materials and learning activities were implemented through workshops. In addition, prior to the kickoff sessions, teachers from NEWSTEP partner institutions engaged in a preliminary task online, which enabled meaningful discussions. (See Annex 1: Screenshot 1, Study materials—Introduction to Innovation Pedagogy and Annex 2: Screenshot 2, Modules on itslearning platform).

(WP2.3) Module 2: Introduction to digital pedagogy was introduced to the teachers in the online learning platform as well as in monthly online meetings where teachers from all partners HEIs from Nepal (33 people) attended. The key emphasis was on getting to know the online environment and exploring pedagogical choices suitable for online teaching. In addition, the teachers analysed their digital competence to enhance their skills in the digital age. Three success stories of online learning were presented as real-world examples of effective online learning approaches (see Annex 3: Screenshot 3, Three success stories).

These modules represent significant progress within our NEWSTEP project, fostering a community of educators committed to excellence in teaching and learning. The successful completion of this task marks a significant milestone in our project timeline. The successful implementation the online learning platform and the online sessions has enabled the reaching the key WP2 objectives successfully. The centralized learning platform serves as the go-to place for course implementation, knowledge exchange, and enhanced professional capabilities.

Quality control for the training:

In order to ensure the quality of the training, the organisers led a feedback session. Reflections were first shared in sub-teams and each sub-team delivered their comments in an anonymous way through post-its. Organisers went then through the list of feedback, taking them one at a time to trigger a general discussion including all sub-teams, compromising on certain elements, reflecting on possible improvements.



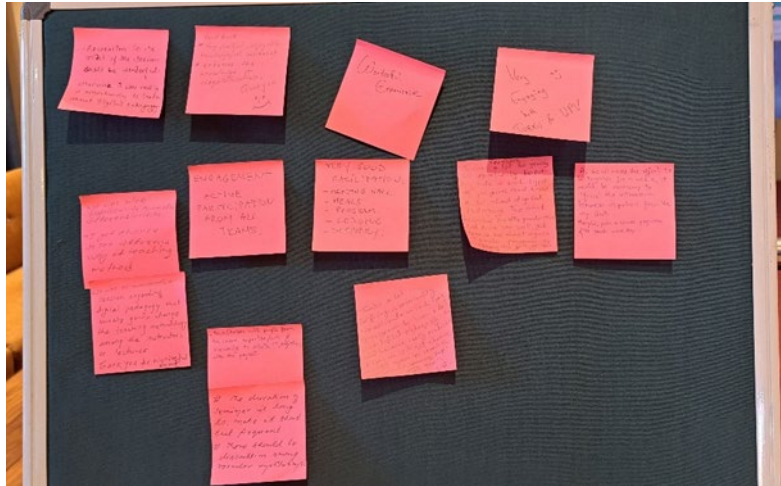


Figure : feedback board for leading discussions on the quality of the training.

Conclusion

In conclusion, the establishment of the itslearning platform and the design of digital and innovation pedagogy modules play pivotal role in completing other activities in WP2, WP3, WP4, and WP5. Moving forward, it would be beneficial to identify a more sustainable platform to improve and broaden the reach of all the stakeholders to cater to the requirements of Nepalese educational institution context.

Annex 1.

Back to Plan

Module 1: Introduction to Inn...

Study materials - Introduction...

Pre-task: Introduction to inno...

Study materials - Introduction to Innovation Pedagogy

Add content block Change layout

1/4 What is innovation pedagogy

The innovation pedagogy developed by Turku University of Applied Sciences is a learning approach that responds to the needs of today's work life. Innovation pedagogy:

- focuses on active learning and teaching where students are encouraged to take initiative, work in teams and use their creativity to take part in new innovative processes in school and work life.
- is based on experimentation, sharing information and competence and combining various perspectives.
- combines research and development activities into teaching and learning, and they can be done also in collaboration with business and industry.
- utilises active learning approach and versatile assessment methods
- changes both the teacher and student roles
- is a holistic strategic approach that encompasses all activities related to learning and teaching, as well as the related supporting structures and processes.

Read this article to learn more about innovation pedagogy. After that, complete the pre-task where you reflect on your own role as a teacher at the moment.

3/4 Podcast: The change in higher education

Listen to this podcast where we discuss the change in higher education and innovation pedagogy approach, such as the teachers' new role and the support needed.



Innopeda: The change in higher edu...

Minna Scheinin, Head of Future Learning Design and Senior Lecturer
Mario Joshi from Turku UAS discuss

Spotify for Podcasters

2/4 Innovation pedagogy in a nutshell

In innovation pedagogy, we have some essential elements that are described shortly in the graph below.

There are three pillars:

- Cornerstones of learning refer to the important elements that are integrated in all curricula, teaching and learning
- Innovation process of learning describes the competences that are acquired during the active learning process
- Success in work and life summarises the desired outcomes of the learning
- below the

Below the pillars there are major societal elements that impact our learning processes and that can change over time. We cannot change these but we can consider how to best integrate them into our teaching and learning processes to support our students in becoming professionals in their study field.



innovation peda
BY TURKU AMK
FINLAND

Innovation pedagogy in a nutshell

From: Kumpulainen, E. & Kumpulainen, M. (2019). University Innovation. *Journal of Pedagogical Research*. Journal 5(3), 74-86.

Cornerstones of learning

- HCI integration with studies
- Flexible curricula
- Multidisciplinary
- Activating learning and teaching methods
- Versatile and development oriented assessment
- Recognising teacher and student roles

Innovation process of learning

- Development of innovation competences and study field specific competences
- Growth as a human being: values and ethics, comprehension of human and nature

Success in work and life

- Ability to participate in diverse innovation environment
- Real innovations
- Good life
- Sustainable future

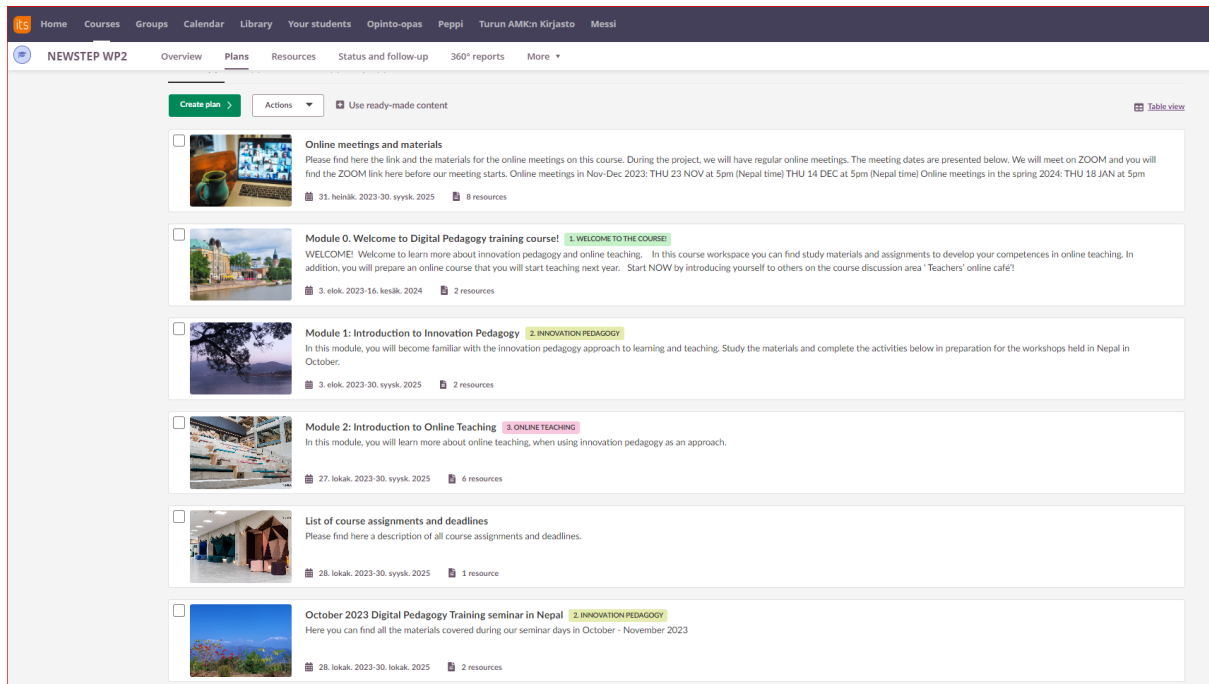
Working life orientation and co-operation Entrepreneurship Globalization Systemic thinking

TIME

4/4 Read the articles about innovation pedagogy approach

Read these articles as background of innovation pedagogy:

Annex 2.



The screenshot shows the NEWSTEP WP2 course page. The navigation bar includes Home, Courses, Groups, Calendar, Library, Your students, Opinto-opas, Peppi, Turun AMK:n Kirjasto, and Messi. The course title is NEWSTEP WP2, and the current view is Plans. The page lists several course items:

- Online meetings and materials**: Please find here the link and the materials for the online meetings on this course. During the project, we will have regular online meetings. The meeting dates are presented below. We will meet on ZOOM and you will find the ZOOM link here before our meeting starts. Online meetings in Nov-Dec 2023: THU 23 NOV at 5pm (Nepal time) THU 14 DEC at 5pm (Nepal time) Online meetings in the spring 2024: THU 18 JAN at 5pm. 31. heinääk. 2023-30. syysk. 2025. 8 resources.
- Module 0. Welcome to Digital Pedagogy training course!** 1. WELCOME TO THE COURSE! WELCOME! Welcome to learn more about innovation pedagogy and online teaching. In this course workspace you can find study materials and assignments to develop your competences in online teaching. In addition, you will prepare an online course that you will start teaching next year. Start NOW by introducing yourself to others on the course discussion area "Teachers' online café". 3. elok. 2023-16. kesäk. 2024. 2 resources.
- Module 1: Introduction to Innovation Pedagogy** 2. INNOVATION PEDAGOGY In this module, you will become familiar with the innovation pedagogy approach to learning and teaching. Study the materials and complete the activities below in preparation for the workshops held in Nepal in October. 3. elok. 2023-30. syysk. 2025. 2 resources.
- Module 2: Introduction to Online Teaching** 3. ONLINE TEACHING In this module, you will learn more about online teaching, when using innovation pedagogy as an approach. 27. lokak. 2023-30. syysk. 2025. 6 resources.
- List of course assignments and deadlines** Please find here a description of all course assignments and deadlines. 28. lokak. 2023-30. syysk. 2025. 1 resource.
- October 2023 Digital Pedagogy Training seminar in Nepal** 2. INNOVATION PEDAGOGY Here you can find all the materials covered during our seminar days in October - November 2023. 28. lokak. 2023-30. lokak. 2025. 2 resources.

Annex 3.

3 Success Stories
Change title

Add content block
Change layout

Success Story 1

Please watch the first success story Book Circle. Think about how you could use the book circle in your teaching.

Book Circle - Student Role

Success Story 1

part online

- Get the (e-)book in good time before the book circle
- Read the book and write a reflection and return it on the online learning platform (elearning) by the deadline defined by the teacher
- Give feedback on another student's book reflection on (elearning (random peer assessment) according to the instructions given by the teacher.

Book Circle on campus

- Form groups of 4 students.
- Discuss the book with the help of the questions given by the teacher.
- Be prepared to present your opinions based on your previously submitted reflection. Be active and ask a lot of questions and take part in the discussion.
- Share your main opinions with another group.
- Share your main opinions with another group.

Watch on 



Success Story 2

Please watch the second success story Marketing Video. Think about how you could use the Marketing Video-assignment in your teaching.

Marketing Video - Student Role

Success Story 2

part online

- Plan a make a short and striking marketing video of the new business you have innovated earlier in the course. Use the marketing plan you have written.
- The video is max 3 minutes long. It addresses the target group and its needs and gives information about the new service/product. It also takes the customer along the buying process. Take the language and culture into consideration depend on where the target group is.
- You will find good tips on how making marketing videos on (elearning).
- Return the video link on (elearning) and make sure the teacher can access it for presentation and evaluation.

Watching the videos on campus

- The teacher will show your video to the whole class.
- Rate each video according to

Watch on 



Success Story 3

Please watch the third success story Trade Fair. Think about how you could use the trade fair in your teaching.

Course Assignments

Success Story 3

tradeable assignments:

- Book reflection and book circle, 25% of the total grade, online assignment, completed before the first meeting on campus.
- Analysis and presentation of 5 business models, innovation of new business for one chosen B2B company, 25% of the total grade, analysis and innovation online and presentation on campus.
- Writing a marketing plan, 25% of the total grade, online assignment.
- Trade Fair, 25% of the total grade, planning online and presentation on campus.

Watch on 



Vote for your favourite success story!

Which success story did you find most useful for your own teaching?



- Success Story 1: Book Circle (28,57%)
- Success Story 2: Marketing Video (33,33%)
- Success Story 3: Trade Fair (38,1%)

You voted: Success Story 3: Trade Fair.