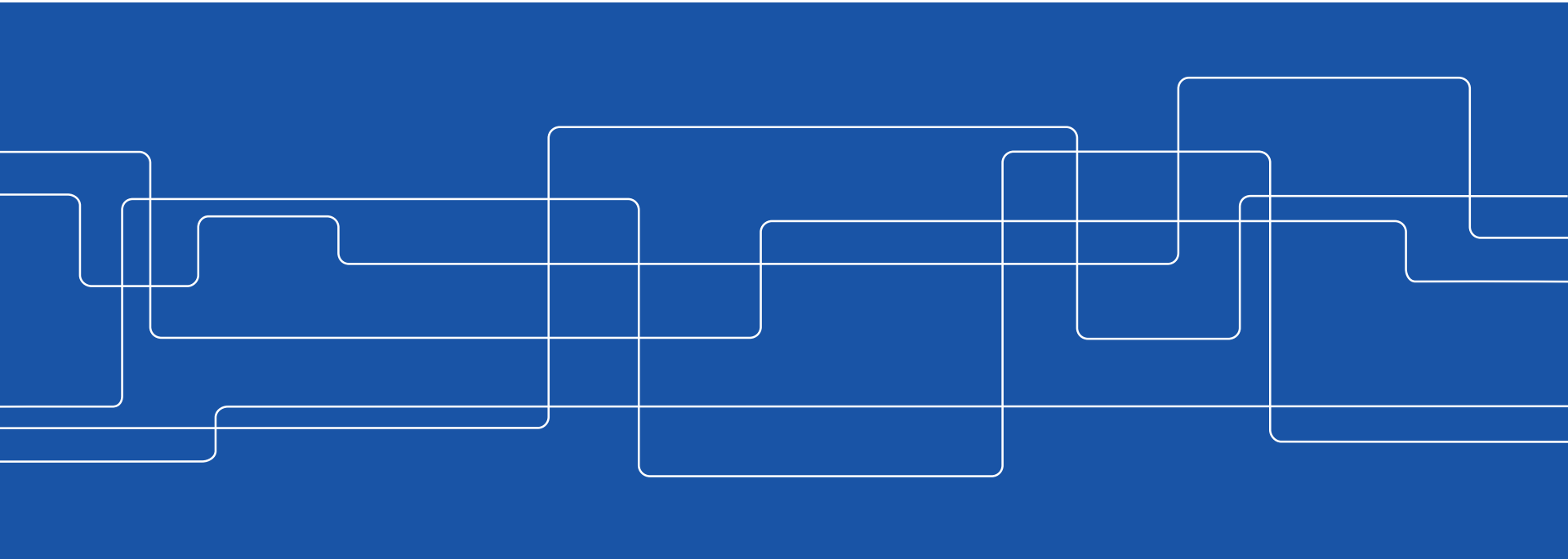




Main Achievements of the Project from an European Perspective

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Structure

Major results from the MIELES project

Open issues articulated by the MIELES project



Major results from the MIELES project

The major kinds of results from the MIELES Project are:

- An articulation and mapping of the current strategies for E-learning for all MIELES partners
- SWOT analysis and review of the articulated strategies
- Dissemination regarding the competence for implementation of strategies
- Development of a small set of e-learning course modules by a subset of European partners within the Indian NPTEL E-learning framework.



Major results from the MIELES project cont.

An articulation and mapping of the current strategies for E-learning for all MIELES partners

The main observation was the the articulation of strategies for e-learning was a non-trivial task for most HEIs

The size and heterogeneity of the Indian HEI system also imposed a non-trivial learning phase for European partners.

Strategies for use of Blended Learning were studied in depth

Strategies for developing and using MOOCs were studied in depth



Major results from the MIELES project cont.

SWOT analysis and reviews of the articulated strategies

A first observation was that Blended learning has so far been the major trend in Europe.

A second observation was that India was far ahead regarding the national and systematic utilization of MOOCs (SWAYAM, NPTEL etc.).

For MOOCs Europe as a whole is still highly dependent on US actors such as Coursera, Edx..etc, with mixed levels of satisfaction.

From a single HEI perspective the general conclusion there is plenty of room for improvements regarding e-learning strategies at all Miele HEIs.



Major results from the MIELES project cont.

Dissemination of competence for implementation of strategies among project partners.

As a consequence of the heterogeneity of the Indian HEI system as a whole also the level of competence regarding the implementation of strategies varies a lot.

So it depends highly on the direction in which you look and which corner you choose to study, where capacity building in the europe-> india direction is needed and motivated.

One case where capacity building seems to make most sense is the complex system of Universities with hundreds of colleges.



Major results from the MIELES project cont.

Development of a small set of e-learning course modules by a subset of European partners within the Indian NPTEL E-learning framework

To gain experience of the Indian systems and to stimulate in depth dialogues, KTH and TUB developed three MOOCs within the NPTEL framework. The three courses were also successfully offered to NPTEL students in the spring of 2019.

Many of the articulated still open issues emanates from these course development efforts.

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Open issues articulated by the MIELES project

The following kind of open issues have been articulated by the project

1. Use of online course modules in joint educational programme between European and Indian partners.
2. Adapting e-learning course modules designed for traditional academic use to vocational learning and skill training.
3. Strengthening the alignments between course definitions, course delivery and assessments for e-learning course modules.
4. Improving the overall quality of the learning experience of the e-learning course modules.



Open issues articulated by the MIELES project cont.

Use of online course modules in joint educational programme between European and Indian partners.

- Special requirement judgements
- Credit transfer issues
- Facilitation of the mobility phase.



Open issues articulated by the MIELES project cont.

Adapting e-learning course modules designed for traditional academic use to vocational learning and skill training.

- Life-long learning
- Handling of poor digitalization literacy in specific groups
- Promoting gender issues in rural areas.



Open issues articulated by the MIELES project cont.

Strengthening the alignments between course definitions, course delivery and assessments for e-learning course modules.

- Syllabi definitions
- Learning Outcomes definitions
- Actual course delivery
- Assessments (weekly assignments and final exams)



Open issues articulated by the MIELES project cont.

Improving the overall quality of the learning experience of online course modules:

- Increased use of Simulations and Visualizations.
- Developing the utilization of virtual labs components and programming tasks in e-learning course offers
- Improved techniques to implement auto-gradable assessment tasks
- Improvement of teaching and video recording styles.
- Policies and styles of utilizing third party excellent video clips for particular sub-themes. Systematic handling of inclusions and references to additional course materials.