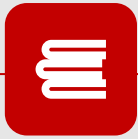




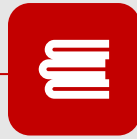
Digitalization Enables High Quality Higher Education Development

PhD student: Kai Zhang

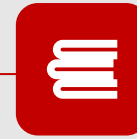
1. The Background of Digital Transformation in Higher Education



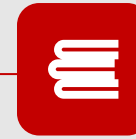
Social change is driving changes in the shape of education



Policy Support Promotes Digital Transformation of Education



Industrial transformation gives rise to changes in talent demand



Technological innovation promotes innovation of education methods

2. Current status of research and practice on digital transformation of higher education teaching and learning

The current research and practice of digital transformation of higher education teaching and learning are mainly conducted from three perspectives: technological, social and institutional.

- 1** **The technology perspective focuses on the process reengineering and model reconstruction of higher education teaching and learning through digital technology support, and focuses on the core technologies that affect the transformation of higher education teaching and learning.**
- 2** **The social perspective focuses on the relationship between society and higher education and global cooperation.**
- 3** **Institutional perspective is from the perspective of higher education institutions and focuses on the core elements of teaching and learning, i.e., schools, majors, curriculum and teaching, teachers, students and The academic research and practical exploration of digital transformation are conducted from the perspective of higher education institutions, namely, schools, majors, curriculum and teaching, teachers, students, and teaching quality assurance system.**

3. A framework for digital transformation of higher education teaching and learning

The digital transformation of higher education teaching and learning is divided into three development stages: **integration, transformation primary and transformation advanced.**

1. **In the integration stage**, mainly the curriculum teaching breaks through the time and space limitation.
2. **In the primary stage of transformation**, the curriculum system around the profession breaks through the boundary of educational institutions and obtains curriculum resources from other universities, enterprises, social institutions.
3. **In the advanced stage of transformation**, with the help of digital technology, the boundaries between colleges and universities are completely broken, and interoperable relationships are established between schools and schools, schools and society, enterprises and other stakeholders to share resources in majors, courses, teachers, facilities and services, etc. and maximize the use of social resources.

4. Digital transformation of teaching and learning at the school level

Core Elements:

Objectives and planning, organization, policies and norms, support services, technical environment, human capacity, cultural atmosphere

Subjects of action:

Teachers, school leaders, managers and technicians, external support forces such as external enterprises and research institutions with partnerships

Stages of Transformation:

Unconscious stage, exploration stage, early implementation stage, growth stage

- ✓ **In the process of digital transformation of institutions, the core elements show different characteristics and key groups at different stages**

5. Transformation Strategy

- 1 **Formulate transformation goals and plans in line with the strategic direction of the university**
- 2 **Set up an organizational structure to meet the needs of transformation**
- 3 **Release policies and regulations that match the value proposition**
- 4 **Provide a full range of teaching and learning support services**
- 5 **Build a technological environment that serves the transformation of teaching and learning**
- 6 **Enhance the digital capabilities of personnel to meet job requirements**
- 7 **Create a culture of innovation and collaboration in teaching and learning**

6. Transformation characteristics

1

Specialization from specificity to connectivity

2

Professional fields from closed to open

3

Professional schooling from independence to synergy

4

Curriculum and professional accreditation shift from rigid to flexible

Thank you for
your guidance

