

Development of a Competency/Skills Profile Chart for Digital Teachers for Future Education/Schools



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January 15, 2017

**Presentation at the Second Seminar
Future Schools 2030**

Advanced Innovation Center for Future Education

*To develop World Class Future
Education/Schools there is a need for
World Class Future Teachers (Ally, M.)*

Contribution of this Project to the Future Education/ Future Schools Initiative

- This research project is making significant contribution to the Future Education/ Future Schools Initiative by developing a competency profile for teachers for future education/schools.
- The research output can be used to:
 - train teachers to function in future schools.
 - hire teachers to teach in future schools.
 - identify professional development for existing teachers to make the transition to future schools.

Research Plan

- Conduct literature search on future schools and teacher competencies required for future schools.
- Interview exemplary teachers and experts to identify competencies for digital teachers.
- Use appropriate software to prepare the preliminary competency profile.
- Validate the competency profile with teachers.
- Use feedback from the validation process to prepare the final competency profile for teachers in future schools.
- Submit final report to Advanced Innovation Center for Future Education.
- Present the project results at Symposium 3.
- Submit paper for publication in a SSCI/peer-reviewed journal.

Research Progress

- Project started December 1, 2016
- Conducting literature review
- Will interview exemplary teachers/experts to identify teacher competencies for future schools

Examples of trends that are shaping future education/schools

- Use of emerging technology such as Virtual Reality, Augmented Reality, and Mixed Reality that are giving students enhanced learning experience to promote high level learning.
- Digital literate students who will demand the use of emerging technology for learning.
- Open education resources that will be available to students and teachers at no cost for education use.
- Smart technologies that will adapt the learning experience to individual students needs.
- Shift from paper-based learning materials to electronic learning materials.
- In the information explosion age and ongoing innovations, life-long learning will become a necessity for all citizens.
- Because of smart technology, instead of “one size fits all” there will “one size for each”.
- Internet of Things (IoT) and its impact on education.
- Teaching in the cloud.

Some important questions

- “What is the role of the teacher in future education/schools? Or “What competencies/skills teachers require for future education/schools?”
- How to prepare teachers for future education/schools?

Thank you