

Can we make teaching great again?

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2024 47th ICT and Electronics Convention (MIPRO) : May 20-24, 2024, Opatija, Croatia : proceedings 2024 / p. 566 - 570 <https://doi.org/10.1109/MIPRO60963.2024.10569792> [Article at Scopus](#)

Contemporary teaching strategies and models capacitating critical thinking and deep understanding in teaching engineering [Electronic resource]

Kipper, Hants; Rüttnann, Tiia Proceedings of the Joint International IGIP-SEFI Annual Conference 2010. Diversity unifies - Diversity in Engineering Education : 19th to 22th September 2010, Trnava, Slovakia 2010 / IDPap 1173 [8] p. [CD-ROM]

Development of critical thinking and reflection

Rüttnann, Tiia The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895-906 https://doi.org/10.1007/978-3-030-11935-5_85 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effective strategies and models for teaching thinking skills and capitalizing deep understanding in engineering education

Rüttnann, Tiia; Vanaveski, Jüri Problems of education in the 21st Century 2009 / p. 176-187

Pedagogical challenges and ethical considerations in developing critical thinking in cybersecurity

Lorenz, Birgy; Kikkas, Kaido Proceedings IEEE 20th International Conference on Advanced Learning Technologies, ICALT 2020 : 6–9 July 2020, Online 2020 / p. 262-263 <https://doi.org/10.1109/ICALT49669.2020.00085>

Teaching for understanding in engineering education

Kipper, Hants; Rüttnann, Tiia International journal of engineering pedagogy 2013 / p. 55-63

Teaching for understanding in engineering education [Electronic resource]

Kipper, Hants; Rüttnann, Tiia 2012 15th International Conference on Interactive Collaborative Learning (ICL) : Villach, Austria 26–28 September 2012 2012 / [9] p. [CD-ROM]
https://minas.medellin.unal.edu.co/images/iei/recursos/docencia_en_ingenieria/Teaching_for_Understanding_in_Engineering_Educatio.pdf