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Abstract: The proceedings contain 42 papers. The topics discussed include: the effect of flipped classroom environment on academic achievement, self-efficacy and metacognitive awareness of students towards chemistry; the design and application of flipped classroom teaching model based on blended learning: a case study of junior high school information technology course; educators' digital literacy competence in a hybrid learning environment; a study of undergraduate students' learning satisfaction and influencing factors in blended learning - a case study of a university in West China; exploring the effective classroom teaching model based on cloud platform - Linux course as an example; development of students' technology, cognitive and content knowledge (TSCCK) through a cloud to enhance vocational students' cognitive load and learning achievement; development and practice of civil aircraft maintenance practice teaching platform based on virtual simulation technology; construction and validation of an online teaching model for the development of computational thinking: take high school information technology course as an example; and finite element modeling and simulation of torsion experiment and teaching practice in vocational colleges.

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