

Accepted Paper for iSTEM-Ed 2024

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2	P04495	Gaps between Expectations and Facts towards STEM E-learning in Electrical and Electronics Sciences during the COVID-19 Pandemic in RAVTE University Network
3	P04550	Fostering Synergies: A Dynamic Approach to Collaborative Teaching and Learning in Vocational Education for Industrial Robotics Technology between ChangZhou Vocational Institute of Mechatronics Technology (CZIMT) and Rajamangala University of Technology Thanyaburi (RMUTT)
4	P04722	At the Intersection of Service Learning and Engineering Education for Sustainable Development: A Bibliometric Review of Research (2004 – 2023)
5	P04775	Digital Innovation: Implementation of Building Information Modeling for Bridge Structure Design
6	P04804	STEM Based Learning through CubeSats: ICUBE-CSAT Case Study
7	P04850	Enhancing STEM Project Instructional Competence: A Short Training Camp for Secondary School Teachers in Thailand
8	P04871	Teacher's Education Goals and Social Change: An Exploratory Study of Nigerian University Systems
9	P04923	The Impact of Digital Role-Playing Games in Engineering Education: A Preliminary Review
10	P04931	Development of E-Module of Heutagogy Learning Approach for Measuring Instruments Course, Electrical Technology Certificate Programme in Community College
11	P04966	Implementing a Constructionist Project-Based Learning Approach to Enhance Chemistry Learning Achievement in Eleventh Grade Students
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13	P05101	The Development of Learning Skills and Innovation of STEM3.0 Education in Autonomous Robotic Control for Secondary School, Thailand
14	P05104	Improving Students' Attitudes toward STEM and Their Interest in STEM Careers: A Collaborative Learning Approach
15	P05109	A Data-Driven Design Module Development for Enhancing Multi-Attribute Decision-Making (MADM) Efficacy
16	P05123	The Effects of Kahoot! on Students' Achievement in Math Classrooms
17	P05128	Navigating STEM: Challenges Faced by Nigerian Female Secondary School Students
18	P05139	Development of a Training Course to Promote Non-Cognitive Skills Using Problem-Solving Learning for Automation Control
19	P05142	The Overview of Higher Vocational School Teachers' Information and Communication Technology (ICT) Competency: A Preliminary Study from Bibliometric Review and the Perspective of Teachers and Students
20	P05153	Welding Technology Students' Perception on the Use of Google Classroom Application at Vocational College
21	P05161	Enhanced IoT-Based Simulation for Air Handling Unit (AHU) Operational Training
22	P05168	Universal Design for Learning: Storytelling Application to Promote Learning for Children with Deaf
23	P05186	Research on Key Elements of Total Quality Management of Online Teaching in Colleges and Universities: Based on Grounded Theory
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27	P05207	Construction and Practice of PBL Teaching Model of Mechatronics Training Course for International Students in Higher Vocational Colleges based on STEM
28	P05218	Using Machine Learning to Explore On-Time Graduation Rates for STEM Master and Doctoral Degrees in Mainland China
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36	P05321	Science4Exit: Enhancing Chemistry Education with the Experimental Escape Game 'Stranded' in the Teaching and Learning Laboratory
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44	P05490	Assessing Knowledge and Understanding of Competency-Based Learning Management through Integrated Contemplative Education of Coaching and Mentoring, and Research-Based Learning
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52	P05558	Classroom Management as Virtual World for Creating Professional Teaching Environment
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