

Ahmad Ibrahim	1	Editorial
Donald R. Webster, Robert S. Kadel and Wendy C. Newstetter	2–17	What Do We Gain by a Blended Classroom? A Comparative Study of Student Performance and Perceptions in a Fluid Mechanics Course
M. Jean Mohammadi-Aragh and Rachel L. Kajfez	18–39	Ten Years of First-Year Engineering Literature (2005–2014): A Systematic Literature Review of Four Engineering Education Journals
Caroline Bautista-Moncada, Joselito F. Buhangin and Norbert Q. Angalan	40–47	Review of Industry 4.0 Competencies and Virtual Learning Environment in Engineering Education
Maria da Glória Diniz de Almeida, Fernando Augusto Silva Marins, Andreia Maria Pedro Salgado, Rita de Cássia da Silveira Marconcini Bittar, José Glênio Medeiros de Barros, Antonio Henriques de Araújo Junior, Nilo Antonio de Souza Sampaio, Bernardo Bastos da Fonseca, Gessica Naira Diniz Baronto and Andresa Deoclidia Soares Côrtes	48–65	Industrial Internship Mentoring Model for Industrial Engineering Education in Public Universities
Do-Yong Park and Dae Hwan Bae	66–83	Engineering Education in Cambodia: Investigating Undergraduate Engineering Students' Understanding of the Engineering Design Process
Veronika Šuligoj, Roman Žavbi and Stanislav Avsec	84–95	Interdisciplinary Critical and Design Thinking
Muhammad Khalid Shaikh and Kamran Ahsan	96–100	Psychographic Self-Evaluation Questionnaire for Forming Self-Managing Computer Engineering Capstone Teams
Joseph A. Lyon and Alejandra J. Magana	101–116	A Review of Mathematical Modeling in Engineering Education
Martin Jaeger, Gang Yu and Desmond Adair	117–129	Impact of Cultural Differences among Engineering Managers on Assessing Competencies of Engineering Graduates – A Case Study
Katie L. Garahan, Nicholas A. Clegorne and Denise R. Simmons	130–141	Understanding Leadership Through an Ecological Lens: A Rhetorical Cluster Analysis of the <i>Civil Engineering Body of Knowledge</i>
Ifeanyi Benedict Ohanu, Taiwo Olabanji Shodipe, Daniel Uchenna Chukwu and Joseph Ndozianychukwu Chukwuma	142–154	Impact of Behavioural Factors as Related to Available Resources on Entrepreneurial Intentions of Electrical Installation and Maintenance Works Students
Rafael Goncalves Bezerra de Araújo, Marcus V. Americano da Costa, Babu Joseph and José Luis Guzmán Sánchez	155–169	Developing Professional and Entrepreneurship Skills of Engineering Students Through Problem-Based Learning: A Case Study in Brazil
Joyce B. Main, Beata N. Johnson, Nichole M. Ramirez, Hossein Ebrahiminejad, Matthew W. Ohland and Eckhard A. Groll	170–185	A Case for Disaggregating Engineering Majors in Engineering Education Research: The Relationship between Co-Op Participation and Student Academic Outcomes
Stephen C. Scogin, Cindy Alexander, Lezlie Gruenler, Catherine M. Mader and Melanie Bartoszek	186–200	Using Authentic Project-Based Learning in a First-Year Lab to Elevate Students' Perceptions of Engineering
Sandra M^a C. Pinheiro, Karla Oliveira-Esquerre, Márcio A. F. Martins and Roseline Oliveira	201–212	Modeling the Quantification of Engineering Students' Academic Performance and its Association to Dropout Rates
Prateek Shekhar and Cheryl Bodnar	213–225	The Mediating Role of University Entrepreneurial Ecosystem on Students' Entrepreneurial Self-Efficacy
Ellen Zerbe and Catherine G. P. Berdanier	226–240	Writing Attitudes and Career Trajectories of Domestic and International Students in the United States
Feng-Kuang Chiang, Li Li, Rui heng Cai and Shan Wang	241–255	Investigation of Elementary-School Students' Perception of Engineering using Drawing Analysis
Ahmed Alzaghoul, Edmundo Tovar, Ángel A. Rodríguez Sevillano and Miguel A. Barcala	256–266	Comparison Between Video-class and LEGO Serious Slay Learning Strategies for the Students of Engineering Discipline