

Editorial

This is the first issue of the year 2020. I wish all a productive and happy New Year and I would like to thank all the authors for their valuable contributions to this issue.

The issue has two parts. The first, 36-1(A), has contributions in various areas of engineering education including: Blended Classroom, Research Methods, Industry 4.0, Internship, Engineering Design, Design Thinking, Critical Thinking, Self-Evaluation, Mathematical Modeling, Cultural Impact, Leadership, Behavioral Factors, Entrepreneurship, Cooperative Education, Academic Outcomes, PBL, Dropout Rates, Writing Attitudes, Perception of Engineering, and Gamification. The authors are from institutions in various countries including: USA, Philippines, Brazil, Cambodia, Slovenia, Pakistan, Kuwait, Kazakhstan, Nigeria, Spain, and China.

The second part, 36-1(B), is a special issue on Teamwork Assessment in Engineering Education. It is guest edited by Professors Miguel Ángel Conde – Escuelas de Ingenierías Industrial e Informática, University of León, Spain and Alicia García-Holgado – GRIAL Research Group, Research Institute for Educational Sciences, University of Salamanca. Spain

It was discussed in the editorial of the first issue of the year 2019 (35-1) that over the past few years several research projects were conducted and many papers and reports were published addressing the topic of engineering education in 2020. The year 2020 is now upon us! I wonder about the changes one could reflect upon, for example; the traits of the graduates, the needs of industry, delivery methods, structure of the curriculum, and structure of the institutions, among other topics that were predicted to change, some fundamentally. Prediction is an interesting activity that some may enjoy practicing and could find an audience; treating it as a pastime or an entertainment. Extrapolation and forecasting are serious undertakings in engineering disciplines that could have tremendous impact on important decisions that touch the lives of many people. The need to reflect on what was predicted to occur is important before we start predicting and planning for 2030 or 2040.

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