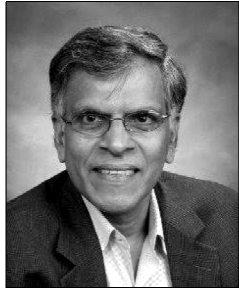


Editorial



We are delighted to introduce the Special January 2017 issue of JEET. This issue features the best papers submitted to the Fourth International Conference on Transformations in Engineering Education (ICTIEE 2107), co-organized by IUCEE. ICTIEE 2107 is being held at three locations: Jan 6-8, 2017 at Vardhaman College of Engineering, Hyderabad, Jan 9-10, 2017 at R.K. University, Rajkot and Jan 11-12, 2017 at Manipal University Jaipur. In addition to presentations by authors who have contributed papers, there are more than 30 international experts and more than 10 industrial sponsors presenting workshops and invited talks on improving the quality of engineering education are being conducted at all three locations.

The papers submitted to ICTIEE 2017 were reviewed by over 250 faculty from around the world. I thank each one of them for their contributions. In particular, I would like to thank the IUCEE-JEET Editorial Committee for ICTIEE 2017, consisting of Dr. Veena Kumar (University of Maryland), Dr. Neeraj Buch (Michigan State University), Dr. Stephanie Farrell (Rowan University), Dr. Subramaniam Rajan (Arizona State University), Dr. Claire Komives (San Jose State University), Dr. Prathiba Nagabhushan (Australian Catholic University), Dr. Sohum Sohoni (Arizona State University), Dr. Vinod Lohani (Virginia Tech), Dr. Sivakumar Krishnan (Leading Edge News), Dr. Archana Mantri (Chitkara University) and Dr. Siva Chandrasekharan (Deakin University).

In this editorial I would like to emphasize two things:

□ Need to contribute to the ecosystem for engineering education while benefitting from it

We need to learn from nature about the dynamics of an ecosystem and how to ensure a healthy ecosystem for human beings to live a good quality of life. Nature provides the air, the sun, the rain, the lakes, the oceans, the trees and living beings which balance the ecosystem which is essential for human beings to lead a good quality life. If all we do is use this ecosystem, without contributing to its sustainability, the quality of human life will deteriorate gradually and we will die.

The same is true of the ecosystem for the quality of engineering education in India. Individual institutions benefit from the ecosystem of workshops, conferences, webinars, courses and networks made possible by organizations such as IUCEE. However, this ecosystem will soon be

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exhausted unless the institutions and faculty contribute back to the ecosystem in various ways. This can be done by sharing experiences at conferences, by offering workshops, by mentoring other institutions and most importantly by ensuring financial sustainability of the ecosystem through membership fees. Being part of IUCEE efforts to build a COMMUNITY for engineering education quality is very essential.

□ Need to improve quality continuously, irrespective of current excellence.

We also need to learn from organizations around the world who strive to improve quality continuously, irrespective of how excellent they are at the present. This enables them to stay on top. Inability to see one's own deficiencies is the sure path to lower quality. Quality means Continuous Quality Improvement. All institutions should be engaged in this process irrespective of how great they are at present. Unfortunately, many institutions fail to understand this dynamic.

Jai Ho !

Krishna Vedula
Chief Editor, JEET