

News and Events

SPECIAL ISSUE OF JEET TOTAL QUALITY MANAGEMENT IN ENGINEERING & HIGHER EDUCATION

Call For Papers

Quality has rightly become a major concern for Engineering & Higher Education in India. There have been major policy statements on improvement of Quality Education. There have as well been efforts to assess and control quality. However, it has not yet been possible to get a firm grip on the management of Quality in Education.

Against this background, the philosophy of Total Quality Management developed and adopted in Japan, and later on accepted in U.S.A., U.K., and other countries, has come in limelight, especially in Industry.

Japan, which had suffered heavily by the release of atomic bombs at Pearl Harbour, in 1945, and its industry, which had been totally shattered, adopted TQM as a policy, and within 30 years, Japan occupied major part of American market, so much so that the Americans brought out a documentary, known as “If Japan can, why we cannot?”

The Americans found that the radical change in Japanese industry was the outcome of the advice given to Japan by Edward Deming, an American who later on called the 'Quality Guru'. Deming advised Japanese industry leaders to focus on quality aspects of their products. This philosophy is now well-known as TQM philosophy. Even Indian industries recently adopted this policy, and now, our Tatas' and Birlas' have become active players on the global plane. Now this philosophy has been knocking the doors of Higher Education, for last more than 2 decades. Many Universities in U.S.A. and U.K. adopted this policy, and have become quality leaders of Education in their own countries, and also on the global plane.

What about India? Why India has not responded positively to this initiative and continues to suffer from lack of quality? It is this problem that we in India are facing, and have to accept the challenge, in case we want to go in for Quality. It is more than two decades, that the situation continues, and it appears as if we are not bothered about quality. Though, this is the greatest challenge that we are facing at the State and National Level.

It is against this background, the editorial board of JEET has decided to bring out the next special issue, on TQM in Education. (In the past, a special issue on the same topic, i.e. TQM, was brought out by JEE, as the 9th special issue, in July 2007.) Since then, the situation has not changed much, hence the editorial board of JEET has decided to bring out another issue on the same topic so that there will be brainstorming, discussions, seminars, and conferences on this topic, which will help us to find out the difficulties in our way to adopt this policy and to overcome them, and this will help us to bring in Quality Education at State and National Level, and take to the path of Global Quality and Excellence. And, it is only then that we shall be able to work out a roadmap for Engineering Education in India to make its valuable contribution to our vision of “*Developed India*” by 2020.

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IUCEE News and Updates

Program Updates:

- **IIEECP Teacher Certification:** The IIEECP Certification Program for 2016-17 has been revised based on the experiences from the three Pilots conducted in 2015-16. 2016-17 First Semester National Phase III is concluding in January 2017 with 55 participants expected to be certified. Second Semester National Phase II will start February 2017. Three Institutional Phase II have started at SR Engineering College, SV College of Engineering and Technology and Sphoorthy Engineering College with 40 participants in each. Several other Phase I workshops are planned for the rest of the year. The revised version of IIEECP is expected to lead to financial sustainability as well as significant scale-up.
- **IUCEE Virtual Academy:** Readers of JEET are encouraged to consider offering webinars of their recent work related to engineering education. It is very easy. A 10 minute practice session will be offered to those interested. For any additional information about any of the above please send email to Sridhar Nori, Manager IUCEE Virtual Academy, sridharn18@gmail.com
- **IUCEE Faculty Fellows and Outstanding Engineering Educator Awards** have been initiated for educators who have made outstanding contribution to the teaching-learning process in engineering education. IUCEE Faculty Fellow Awards will be given to 15 faculty. Of these, 5 will be recognized as Outstanding Educators as well. Awards will be presented at one of the three locations during the Fourth International Conference on Transformations in Engineering Education (ICTIEE 2017: Hyderabad on Jan 8, Rajkot on Jan 10 and Jaipur on Jan 12)
- **IUCEE-EPICS Partnership** has six institutions working on adapting the EPICS (Engineering Projects in Community Service) program of Purdue University, USA with the help of biweekly meetings including Prof. Oakes of Purdue University. These are SR Engineering College (TS), Vardhaman Collage of Engineering (TS), BH Gardi Institute of Technology (GJ), MLR Institute of Technology (TS), Hyderabad Institute of Technology (TS), MIT Academy of Engineering (MH)

Upcoming International Conferences

- **ASEE Annual Conference June 25-28, 2017**
<https://www.asee.org/conferences-and-events/conferences/annual-conference/2017>
- **WEEF 2017: November 13-15, 2017:**
<http://www.weef2017.org/>
- **GEDC 2017: October 11-13, 2017:**
<http://gedc2017mcmaster.ca/>

For more information about any of these, please email Krishna_Vedula@uml.edu