



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act. No.:20 of 2007)

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CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Wed, May 9, 2018 3:30 PM - 4:30 PM IST.

ICTIEE 18 Paper: "Enhancing Interdisciplinary Research in Engineering Education"

Wed, May 9, 2018 3:30 PM - 4:30 PM IST

Registration URL: <https://attendee.gotowebinar.com/register/6532968627468565251>

Description:

There is a need for enhancing interdisciplinary/ multidisciplinary research in engineering education (IDREE). Interdisciplinary thinking is rapidly becoming an integral feature of engineering research as result of the inherent complexity of nature of engineering planning, design, manufacturing and maintenance of various products. This leads to compulsion to explore engineering problems that are confined to a single discipline. The power new digital technologies help the researchers to solve the complex problems. The researcher has assisted 18 doctoral students to find solutions in curriculum, institutional development, human resource management, environmental problems, planning new interdisciplinary programs in building technology, manufacturing technology, and training of the computer science graduates, globalization of Indian engineering education, international human resource management, women in technical education, and organizational learning. The barriers to IDREE in India have been identified. The interdisciplinary degrees earned by the graduates should be recognized by the national councils and funds should be granted for various research proposals under IDREE. Every engineering institute could form interdisciplinary and multidisciplinary teams to solve the emerging problems by using IDREE.

Presenter:

Dr. Thanikachalam.V
Former Professor and Head, Center for International Affairs,
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Sd/-
Registrar (I/c)