



# GUJARAT TECHNOLOGICAL UNIVERSITY

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

Date: 14-03-2017

## CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Wed, Mar 15, 2017 3:30 PM - 4:30 PM IST.

**Virtual Academy: Leveraging the global research to improve student-success in the Indian engineering education system**

Wed, Mar 15, 2017 3:30 PM - 4:30 PM IST

Registration URL: <https://attendee.gotowebinar.com/register/3188487343946024707>

### **Description:**

Globally, there is a need to produce more and better-prepared engineering graduates. While, many researchers have been working on improving student-success in undergraduate engineering programs in the western world, very few have been doing so in the Indian context, despite India's potential to be a global supplier of engineers. The workforce diversity and social equity issues require that the engineering education systems pay more attention to students from lower socioeconomic stratum.

The speaker has systematically reviewed the western research on student-success in undergraduate engineering programs. Important preliminary results are that student-success depends on engaging students by integrating them into the education system. Integration has to happen in multiple areas such as academic, social and professional. Further, the success requires sound preparation for engineering in high schools and administrator, faculty, and staff support to students during the engineering programs.

This talk will provide an overview of various facets and programs of the western engineering education system towards understanding the programs that the Indian system can undertake. The speaker has executed some programs in different Indian colleges and will leverage that experience.

### **Presenter:**

Dr Pradeep Waychal is a founder trustee and the chair of Guruji Education Foundation that provides holistic support to the education of underprivileged students. The foundation also works in engineering education research, youth employability, and teaching computer science to adolescents. He is working as the chief educational adviser at Shivaji Group of Institutions Barshi (Solapur) and as a consultant to a few engineering colleges. Earlier, Dr Waychal has worked at Patni Computer Systems for 20 years in various positions including the head of innovations, NMIMS as the director Shirpur campus and at College of Engineering Pune (COEP) as the founder head of the innovation Center.

Sd/-  
Registrar (I/c)