# GUJARAT TECHNOLOGICAL UNIVERSITY

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

Date: 27-04-2015

# CIRCULAR

**Interested faculty members and students may register for the following webinar which is going to be held on Fri, May 1, 2015 4:30 PM - 5:30 PM IST.**

**Virtual Academy: Pico/Nano/Micro-Satellites (PNMSats) - A New Paradigm for Aspiring Engineers; by Sharan Asundi**
**Fri, May 1, 2015 4:30 PM - 5:30 PM IST**
**Registration URL: https://attendee.gotowebinar.com/register/4518860115338444546**

## Abstract:

PNMSats have transformed the way we perceive satellites and made space accessible to budding engineers, scientists and amazingly, even high school students. PNMSats are playing a pivotal role of complementing conventional satellites and in effect, contributing significantly to workforce development for the space industry. PNMSats' system design and development is truly multidisciplinary engineering involving Aerospace Engineering, Mechanical Engineering, Electrical, Electronics and Communication Engineering, Computer Science and Engineering, Structural and Thermal Engineering, Systems Engineering and more.

Complete Abstract and Bio: **http://wp.me/a3jwxB-zl**

## Presenter:

Sharan Asundi is an Assistant Professor in the Aerospace Science Engineering department at Tuskegee University, which is the first and only historically black institution of higher learning to offer an accredited BS degree program in this field.

He has collaborated with NASA Goddard Space Flight Center to conduct research in the field of small satellites. He is actively pursuing support from NASA, AFRL, NSF and other organization supporting research in aerospace. Most recently, he has proposed (to NSF) to develop a 6U CubeSat in collaboration with University of Florida, NASA and Maryland Aerospace Inc to advance the understanding of upper atmospheric composition. He has sought funds from AFRL to set up a magnetic coil test facility at Tuskegee University to research the design and development of magnetically clean compact satellites. Rockwell Collins has approved funding to develop an Amateur Ground Station at Tuskegee University.

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Registrar(I/c)