



# GUJARAT TECHNOLOGICAL UNIVERSITY

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## CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Wed, Jul 29, 2015 3:30 PM - 4:30 PM IST.

**Virtual Academy: PIC micro controller architecture: Industrial Design Features**

**Wed, Jul 29, 2015 3:30 PM - 4:30 PM IST**

**Registration URL: <https://attendee.gotowebinar.com/register/8152443681058950145>**

### **Abstract:**

In today's world of miniature and intelligent devices, micro controllers play an extremely important role. Due to these tiny intelligent devices, a lot of products have been realised which otherwise would not have been possible.

There are various families of micro controllers available in market. Among the many micro controller families, PIC micro controller family have been quite popular since a long time. These controllers have features that are useful for industrial designs and also they are affordable.

The webinar aims at introducing the viewers to the core features as well as architectural features of PIC micro controller. The webinar will help in understanding why PIC controllers are popular and widely used in industrial products. It also will explain some important features in detail such as Capture/compare and Parallel Slave Port.

The webinar is useful to

1. Faculty who provide guidance to the UG/PG students for projects/dissertations
2. Faculty teaching embedded system related courses
3. UG/PG Students who wish to work in embedded systems

### **Brief info of Presenter:**

**Mr. V. B. Dharmadhikari**

Associate Professor , Department of Electronics Engineering)

Walchand College of Engineering (Autonomous Institute),

Sangli, Maharashtra State, India

Mr. Dharmadhikari graduated in Electrical Engineering in 1986 from Walchand College of Engineering, Sangli (India). He completed his Post Graduation in Electronics in 1992. He was a research scholar during 1996-1999 at CEDT, IISc, Bangalore. The area of his doctoral work is "QoS issues and Video Traffic Smoothing for MPEG video transport over packet switched networks". He has also been the recipient of "Best Teacher Award" of his Institution. He has

been using PIC controllers since 1997 and has delivered number of lectures at various universities in Maharashtra. He also has been teaching and practicing use of PIC micro controllers for PG classes. He had also conducted training program on PIC controllers for industry persons. He has been teaching various courses such as Linear Integrated Circuits, Video Engineering, Electronic System Design etc. since 1986. For Last 15 years, he has been teaching Embedded System Design, Real Time Operating Systems for UG and PG classes. Recently he has designed and taught two new courses, Embedded Linux for PG and Electronic System Design and Manufacturing for UG. He is actively involved in creating e-learning resources for students. His video lectures are available on his site <http://www.embeddedteacher.com> as well as on "vbdharm" which is his youtube channel. He can be contacted on [vidhyadhar.dharmadhikari@walchandsangli.ac.in](mailto:vidhyadhar.dharmadhikari@walchandsangli.ac.in)