Short Term Training Program

EMBEDDED SYSTEMS DESIGN

19th Dec - 23rd Dec 2011

RKUNIVERSITY

SCHOOL OF ENGINEERING

INTRODUCTION

The advances in Embedded Systems underwent a tremendous evolution in recent years. Embedded Systems are restricted to limited resources in order to achieve key requirements. With continued convergence of other technologies, a lot more functionalities are being pushed into embedded devices which were once part of traditional computing platforms. Embedded Systems and real time operating systems (RTOS) are fast achieving ubiquity, blurring the lines between science fiction and hard reality. Embedded Systems are especially suited for use in process control, manufacturing, defense systems, telecommunication systems, automotive systems, air traffic control, avionics, video conferencing systems and life critical systems as these systems can be isolated from hacking and thus be more reliable. Embedded Systems are a rapidly growing industry where growth opportunities are numerous.
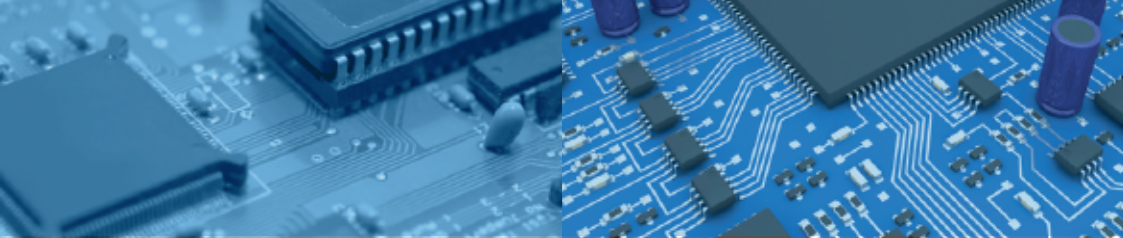
COURSE CONTENTS

This course contents are designed to familiarize with Embedded Systems and have hands-on lab components regarding:
• Embedded processor architecture and programming
• Embedded Systems environment, current technological changes and new devices
• Embedded System design and its application based on ARM Processor, SHARC processor, RTOS, Linux and FPGA

TARGET AUDIENCE

• Faculties from engineering colleges
• PG & research scholars
• Members from industries interested in subject area

SPEAKERS

Prof. Dr. S. K. Shah MS University, Baroda	Prof. Dr. M. V. Shah VGECG, Chandkheda
Prof. Dr. Rahul Dubey DA – IICT, Gandhinagar	Prof. Dr. C. H. Vithlani GEC, Rajkot
Prof. P. J. Engineer SVNIT, Surat	Mrs. Ekata Mehul eiTRA, eInfochips, A'bad
Mr. Nitin Paranjape Edutech Systems, Baroda	and more..

REGISTRATION DETAILS

Completed registration form along with the Demand Draft drawn in favour of "School of Engineering, RK University", payable at Rajkot should be sent to the coordinator before 5th December, 2011.

REGISTRATION FEES

Registration Fees: Rs. 1,500/-
This fee includes participation kit, course material, lunch, refreshment and tea.
• Accommodation will be provided against prior request to the outside participants
• No TA/DA will be paid

Last Date for Application Submission	05.12.2011
Date of Intimation from RKU	10.12.2011

Send the registration forms to	Prof. N. P. Joshi (namrata.joshi@rku.ac.in) Department of Electronics & Communications School of Engineering- RK University Kasturbadham, Rajkot – 360 020, Gujarat Phone No.: +919909952030 Fax No.: +91281 2785116

About RKU

RK University is a leading university offering courses ranging from Diploma studies to Doctorate research. RKU is established under the Gujarat Private Universities Act (Act no. 25 of 2011). Situated on the out-skirts of Rajkot City, RK University has a sprawling green campus of more than 40 acres with world class infrastructure. This residential campus offers students a peaceful and conducive environment for academics along with facilities like hostel, mess and canteen, indoor and outdoor sporting activities.

Chief Patron

Shri Khodidasbhai Patel
President - RK University

Patrons

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RK University

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Vice President
RK University

Mohit Patel
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Dr. J.Ramamohana Rao
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RK University

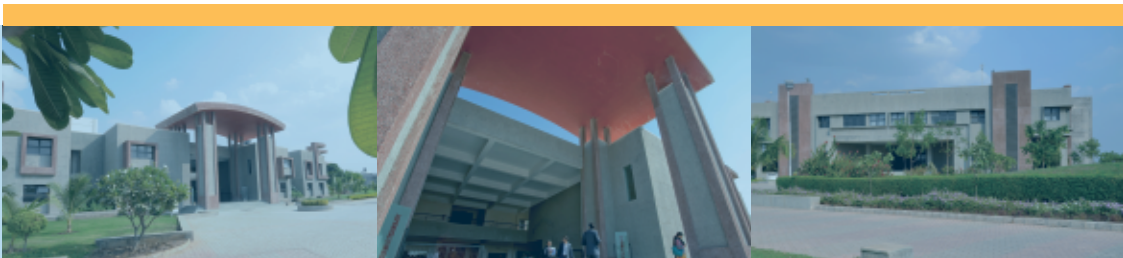**Shivlal Ramani**
Registrar-Admin
RK University

Dr. C.D. Sankhavara
Dean-Faculty of Technology
RK University

Convener

Prof. D.U. Shah
Head - EC Dept.
RK University

Co-ordinators

Prof. L.R. Gajaria
Prof. N.P. Joshi
Prof. D.D. Chakravarti

Event sponsored by:

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RK University

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