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Who Can Register?

The programme is open for ISE, CSE and ECE faculty of Engineering Colleges, affiliated to VTU. A few seats are available for participants from Industry. Registration is strictly on first-come first-serve basis.

Registration Fee

The registration fee is Rs. 500/- per participant for the faculty from academic institutes and industry. The fee should be sent in the form of DD (along with the completed application) on any nationalized bank in favor of **The Principal, Reva Institute of Technology & Management**, payable at Bangalore.

Address for Correspondence

Prof. Venkatesh Prasad K. S.
HOD, Department of ISE
Reva Institute of Technology & Management
Yelahanka, Bangalore-560 064
Karnataka
Phone: +91-80- 65687563/ 64 / 65
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Accommodation

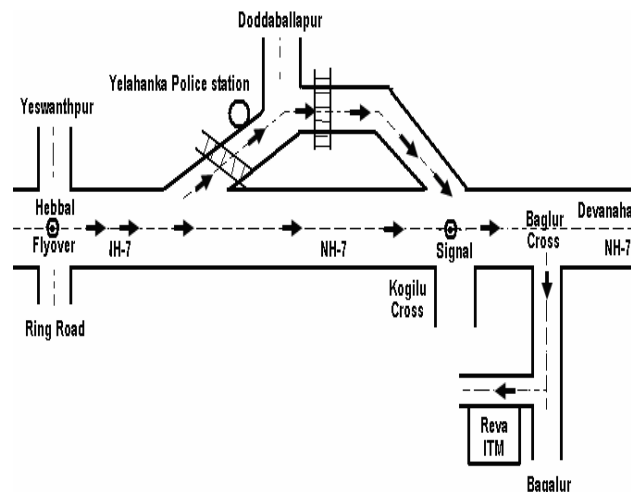
Accommodation will be provided in hostels with nominal cost, on prior request. No TA/DA will be paid to the participants.

Important Dates

Last date for sending the completed Application (along with DD) by participants: Feb 20, 2012
Intimation of Acceptance to participants: Feb 21, 2012
Confirmation thro' E-mail by participant: Feb 23, 2012

(Application forms can be downloaded on-line from www.revainstitution.org. Photo copy of the Application form can also be used)

How to reach RITM? (Route Map)



REVA
GROUP OF
EDUCATIONAL
INSTITUTIONS

DivyaSree

ONE DAY WORKSHOP

On

80x86 Interfacing and Product Development using RV-All-In-One Interface Card



25th February 2012

Organized by

Department of Computer Science & Information Science Engineering

In association with

R&D Labs, CSE Department, RV College of Engineering, Bangalore
Reva Institute of Technology and Management

Kattigenahalli, Yelahanka, Bangalore-560 064

Phone: +91-80 - 65687563/ 64 / 65

Fax: 080-28478539

About the Institute

Reva Institute of Technology and Management (Reva ITM) was founded in the year 2004 under the aegis of Rukmini Educational Charitable Trust as the educational venture of a leading Business group, DivyaSree Developers, Bangalore under the dynamic leadership of visionary Sri P. Shyama Raju. The Institution is affiliated to VTU, Belgaum and is approved by AICTE, New Delhi.

About the Workshop

RV-All-In-One-Interface Card is designed and developed at R&D Labs of CSE Department, RVCE, Bangalore. This helps to perform Interfacing experiments using PC (80x86) and microcontrollers and also to build prototype products using hardware and software features.

The usage of RV-All-In-One-Interface Card has the following advantages:

- The new card eliminates the use of PC-add-on card for every computer and uses only printer port of the computer. Same programs which work for 8255 I/O card can be made to work on the New card using printer port.
- Multiple Interfacing Modules are not required, as all of them are integrated in one card, reduces the Cost & increases the Convenience.
- Experiments can also be conducted by integrating different modules on the board which is not possible using discrete modules.
- No Need to maintain different power supplies for different modules as the board is designed using 12 volt DC regulator, all the other voltages required for different interfacing experiments(+5v,-12v/-5v) are derived from this regulator using Power Supply Logic integrated on the board.

- Since all the modules are integrated on one board and elimination of I/O card and separate power supply make the microprocessor laboratory cost effective.
- Testing of any logics/programs/projects (software/hardware) becomes easier as turbo C can be used for debugging and writing programs.
- Complete Documentation of the card is available along with the card which helps in converting PC to PC based product for various applications.

Objectives of the Workshop

The workshop on "80x86 Interfacing and Product Development using RV-All-In-One Interface Card" is planned and organized by the department keeping in mind, the following objectives:

1. To conduct 80x86 Interfacing experiments using Assembly and Turbo C with RV-All-In-One-Interface Card.
2. To Develop PC based software and hardware product using C# and JAVA environments with case studies.
3. To create Interest and bring innovation among students by using the Interface card to conduct different experiments and projects using their computer system.

Resource person: Prof. K. Badrinath from R&D Labs CSE Department, RVCE, Bangalore.

Whom to Contact?

Prof. K.S. Venkatesh Prasad - 9845698274
Prof. G.C. Sathish - 9449343694
Mr. Kanaiya V. Kanzaria - 9986347332
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sathish_gc@revainstitution.org

ONE DAY WORKSHOP

On

80x86 Interfacing and Product Development using RV-All-In-One Interface Card 25th February 2012

Registration Form

Name: _____

Designation: _____

Affiliation & Address:

Phone/Mobile No: _____

Email id: _____

Accommodation required: _____ Yes/No

Demand Draft Details:

DD No. Date and Bank:

Date: _____ Signature of Participant

Dr/Mr/Ms. -----
is an employee of the Institution and is sponsored to attend the workshop.

Date: _____ Signature and Seal of the Head of the Institution