GENERAL INFORMATION

Guru Nanak Dev Engineering College, Ludhiana is the oldest and a premier Engineering Institution of the state of Punjab. Ludhiana city is a well-known industrial hub in Northern India and is well connected by direct rail service with all parts of India. The beautiful campus is about 7 km away from Railway Station (Auto Rickshaw service available @ Rs.10/- per passenger) and around 6 km from main Bus Stand. If coming by road, then drop at Gill Chowk. Thereafter three-wheelers @ Rs. 10/- per passenger are available for the college. The weather in the month of June in Ludhiana is hot (40^0C to 44^0C).
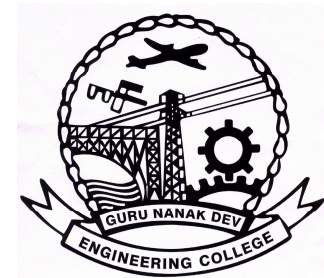
HOW TO APPLY

The participants may send the attached application form or a Xerox copy of the same along with registration fee.

TESTING & CONSULTANCY CELL, Guru Nanak Dev Engineering College, Ludhiana – 141006 (Pb.)

To

Six Week Training on

EMBEDDED SYSTEM DESIGN

June 01, 2015 to July 13, 2015

Head of the Deptt.
Dr. Sandeep Singh Gill
Coordinator
Balwinder Singh Dhaliwal

Organized by:
**TESTING & CONSULTANCY CELL,
ELECTRONICS & COMM. ENGG. DEPTT.**

**Guru Nanak Dev Engineering College,
Ludhiana, Punjab – 141006**
Phone: 0161 – 2490339 ,2491193(Consultancy)
E-mail: narwant@gndec.ac.in
Website: www.gndec.ac.in

INTRODUCTION

An embedded system is a computer system designed for specific control functions within a larger system, often with real-time computing constraints. Embedded systems control many devices in common use today. Embedded systems contain processing cores that are typically microcontrollers. The key characteristic, however, is being dedicated to handle a particular task. Hence, design engineers can optimize the design of embedded systems in order to reduce the size and cost of the product and increase the reliability and performance.

COURSE CONTENTS

- Understanding Embedded Systems
- 8051 Microcontroller
- ARM Microcontroller
- Programming using assembly language and C language
- Project using the above microcontrollers

DEPARTMENT & FACULTY

The Electronics & Communication Engg. department is NBA accredited and runs both UG & PG courses. It has state of the art facilities for research & development. The faculty for the course shall include our own faculty. Experts drawn from other Academic Institutions & Industry shall be invited to deliver expert lectures.

ELIGIBILITY CRITERIA

Students of 2nd year Electronics/ Computer Science/ Information Technology/Electrical shall be eligible to apply for participation.

REGISTRATION

A registration Fee of Rs.5000 + service tax is to be paid by cash or demand draft in favour of "Director, Guru Nanak Dev Engineering College, Ludhiana", payable at Ludhiana. The cash payment can be made on any working day in the Testing & Consultancy Cell of the College.

BOARDING & LODGING

The participants shall be provided with subsidized boarding & lodging in the students hostel on prior request.

**Six Weeks Training
on
Embedded System Design
(June 01, 2015 to July 13, 2015)**

APPLICATION FORM

Name : …………………..

Father's Name : …………………..

Date of Birth : …………………..

Name of the College : …………………..

Univ. Roll No. : …………………..

Mailing Address : …………………..

…………………..
Mobile No. …………………..

E-Mail : …………………..

Bank Draft No./Cash : …………………..

Accommodation required : Yes/No

Please register me for the above course.

Signature of
Applicant