

To

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

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°C to 44°C).

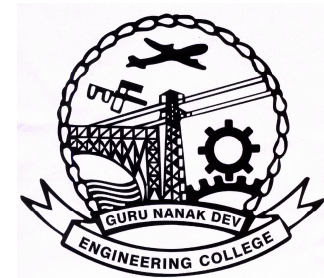
HOW TO APPLY

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

Six Week Training on

OPTICAL SYSTEM DESIGN USING OPTI SYSTEM

June 01, 2015 to July 13, 2015



Head of the Deptt.

Dr. Sandeep Singh Gill

Coordinator

Dr. Baljeet Kaur

Organized by:

**TESTING & CONSULTANCY CELL,
ELECTRONICS & COMM. ENGG. DEPTT.**

**Guru Nanak Dev Engineering College,
Ludhiana, Punjab – 141006**

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INTRODUCTION

The field of fiber optics communications has exploded over the past two decades. Fiber is an integral part of modern day communication infrastructure and can be found along roads, in buildings, hospitals and machinery. Light can be transmitted along the fiber over great distances at very high data rates providing an ideal medium for the transport of information, Optical fiber is used by many telecommunications companies to transmit telephone signals, Internet communication, and cable television signals. OptiSystem is a comprehensive software design suite that enables users to plan, test, and simulate optical links in the transmission layer of modern optical networks. The course concentrates on theory of optical communication system design, its simulation using optisystem software and relevant projects.

COURSE CONTENTS

- Basics of fiber optical communication
- Introduction of optoelectronic sources
- Introduction of Optisystem software
- New trends in optical communication
- Simulation on optisystem software
- Project

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 Optical System Design Using Opti System (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