

ABOUT THE COURSE

The Short Term Course is designed to provide comprehensive coverage of networking topics, from fundamentals to advanced applications and services, while providing opportunities for hand-on practical experience and networking skills development. The course will be beneficial for those who are interested in making their career in the field of networking.

COURSE OBJECTIVES

- To give insights of the latest developments in the area of networking and computing
- To provide a platform to the participants to interact with researchers working in the area of concerned/ allied disciplines

COURSE CONTENTS

- Introduction to latest trends and technologies of Advanced Computer Networks.
- Wireless Communications
- Adhoc and Wireless Sensor Networks
- Network Layers, Protocols and Optimization
- Network Security
- Internet of Things (IoT)
- Cloud Computing

RESOURCE PERSONS

The Course will be conducted by highly qualified and experienced experts from organizations viz. Punjab University Chandigarh, Thapar University Patiala, Punjab Agriculture University Ludhiana, CSIO Chandigarh, C-DAC Mohali and experts from Industry.

CHIEF PATRON

Dr. SEHIJPAL SINGH
Principal

CHAIRMAN

Dr. PARMINDER SINGH
Professor & Head (CSE)

COORDINATOR

Er. AMANDEEP KAUR SOHAL
Assistant Professor (CSE)
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Co-COORDINATOR

Er. MANJOT KAUR GILL
Assistant Professor (CSE)
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IMPORTANT DATES

LAST DATE FOR RECEIPT OF APPLICATION

23rd January, 2019

INTIMATION OF ACCEPTANCE

25th January, 2019

SHORT TERM COURSE DATES

28th January, 2019 - 1st February, 2019

VENUE FOR COURSE

Seminar Hall at Testing & Consultancy Cell,
GNDEC, Ludhiana.

COURSE EVALUATION

Participants would be awarded 'Course Completion Certificate' on attending the course as per QIP norms

ADDRESS FOR CORRESPONDENCE

Er. Amandeep Kaur Sohal
Assistant Professor
Department of
COMPUTER SCIENCE AND ENGINEERING
Guru Nanak Dev Engineering College
Ludhiana, Punjab, 141006
Email : fdp_ncs@gndec.ac.in

QIP SHORT TERM COURSE ON

Recent Trends in Networks Communications & Security

(28th January - 1st February, 2019)



ORGANISED BY

**Department of
Computer Science
&
Engineering**

Guru Nanak Dev Engineering College
Gill Road, Ludhiana, Punjab-141006

ABOUT INSTITUTE

Guru Nanak Dev Engineering College (GNDEC), Ludhiana (established in 1956), is one of the oldest and a premier engineering institute of India. The institute is set up on 88 acres of sprawling pristine land on Ludhiana-Malerkotla Highway. The foundation stone of the college was laid by honorable Dr. Rajendra Prasad ji, President of India on 8th April, 1956.

GNDEC is now an Autonomous College u/s 2(f) and 12(B) of UGC Act 1956. The institution has seven Engineering Branches (Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Science and Engineering, Information Technology, Production Engineering) at UG level and fifteen PG level courses including MBA & MCA. The college has Ph.D in all Engineering Branches and it is a QIP Centre under AICTE for Ph.D in streams viz. Civil Engineering, Mechanical Engineering, Electrical Engineering.

All the undergraduate courses of the institute are accredited by National Board of Accreditation (NBA), AICTE, New Delhi.

ABOUT DEPARTMENT

Computer Science and Engineering Department is established in the year 1997 and is currently offering undergraduate and post graduate courses with an intake of 180 and 18 students respectively. The department has various laboratories equipped with state of the art computing facilities to support the research and teaching activities. A Library with good number of books for the exclusive use of faculty and students is located in the premises of department. Graduates of the department are serving around the globe in eminent companies, academia, as well as in public sector. They are bringing laurels to the department by excelling in fields of their work. Every year a good number of students are clearing different competitive examinations.

ELIGIBILITY

Faculty/ Research Scholars (Engineering/ Science/ Management Discipline) of degree level engineering colleges recognized by AICTE/ UGC/ MHRD are eligible to attend the course.

REGISTRATION

There is no registration fee for the course. Interested persons should register at http://gndec.ac.in/fdp_ncs. All short-listed candidates are required to confirm their participation by sending the scanned copy of duly filled Registration form by e-mail to fdp_ncs@gndec.ac.in on or before 23rd January, 2019.

Short listing and confirmation of eligible candidates will be done on a first come first basis. Incomplete Registration forms will not be entertained.

Intimation of accepted applications will be sent through emails by 25th January, 2019. Hard copy of duly filled registration form should be submitted at Registration Desk on 28th January 2019 at 9:15 am.

BOARDING AND LODGING

Participants are entitled for to and fro II Class (Sleeper Class or AC) Railway/bus fare by the shortest route from their organization to GNDEC, Ludhiana as per QIP norms. Accommodation will be provided in the student's hostels or Guest House on sharing basis. DA will not be permissible.

COURSE TIMINGS

Session wise Schedule

(28th January, 2019 - 1st February, 2019)

Session I	09:00 a.m. to 10:30 a.m. Tea Break (10:30 a.m. to 10:45 a.m.)
Session II	10:45 a.m. to 12:15 p.m. Lunch (12:15 p.m. to 01:00 p.m.)
Session III	01:00 p.m. to 02:30 p.m. Tea Break (02:30 p.m. to 02:45 p.m.)
Session IV	02:45 p.m. to 04:15 p.m.

COURSE BENEFICIARIES

Faculty/ Research Scholars involved in Teaching/ Research/ Consultancy work

BROAD SUBJECT AREA

Advanced Computer Networks

RELATED DISCIPLINES

Computer Applications, CSE, ECE, EE, IT etc.

ABOUT LUDHIANA

Ludhiana city is a well known industrial hub in Northern India, especially for manufacturing bicycles, cycles parts, sewing machines, hosiery, etc. The city is well connected by direct rail service with all parts of India. The establishment of the city dates back to 16th century when the Lodhi dynasty set up the city on banks of river Sutlej. The city is now a bustling metropolis with all modern amenities. The weather at Ludhiana in month of January is cold with temperature around 10° - 14° C.

HOW TO REACH

The beautiful campus is about 15 kms away from local airport, 7 kms from railway station and about 5 kms from bus stand.

