

## **CRITERIA 6.3.4**

***E-copies of certificates  
for Year***

**2014-2015**

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Kamaljit Kaur

of GNDEC, Ludhiana for participation in workshop / Seminar /

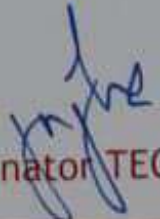
<sup>4</sup>Latest Trends in Information and  
STC/FDP / SDP / Training on the subject Communication Technologies Organized

by Information Technology Department / Branch / Section

from 04 October, 2014 to 08 October, 2014 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director



TEQIP  
II

## Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

### Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Parminder kaur Wadhwa

of GND EC, Ludhiana for participation in workshop / Seminar /

✓  
STC/FDP / SDP / Training on the subject "Latest Trends in Information and Communication Technologies" Organized

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TEQIP II

# Guru Nanak Dev Engineering College

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Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Harpreet Kaur Grewal

of GNDEC, Ludhiana for participation in workshop / Seminar /  
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## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Kamdeep Kaur

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## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Sukhjot Singh Sehra

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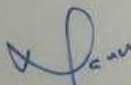
This certificate is awarded to Dr./ Mr./ Ms. Sumeet Kaur Sehra

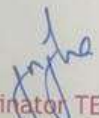
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This certificate is awarded to Dr./ Mr./ Ms. Akshay Girdhar

of GNDEC, Ludhiana for participation in workshop / Seminar/  
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This certificate is awarded to Dr./ Mr./ Ms. Harmohan Singh Dhall

of GNDEC, Ludhiana for participation in workshop / Seminar /

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Director

TEQIP II  
POCO

SHOT ON POCO F1



TEQIP II

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This certificate is awarded to Dr./ Mr./ Ms. Jasbir Singh Saini

of GNDE, Ludhiana for participation in workshop / Seminar/

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Director





**भारतीय प्रबन्ध संस्थान लखनऊ**  
**Indian Institute of Management Lucknow**

*Management Capacity Enhancement Program (TEQIP-II)*

This is to certify that Prof./Dr./Mr./Mrs. **JAGBIR SINGH**  
from **Guru Nanak Dev Engg. College, Ludhiana**  
participated in “**Management Capacity Enhancement Program for Administrators**” held during  
August 19-23, 2014 at Noida Campus.

  
Prof. Punam Sahgal & Prof. Manoj Anand  
Program Director(s)

  
Prof. Rajeev Kumra  
Chairperson-MDP

# Guru Nanak Dev Engineering College, Ludhiana

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AICTE Approved, NBA Accredited

TEQIP-II Sponsored

Faculty Development Programme

on

## RECENT COMPUTING PARADIGMS

It is certified that **Dr. Kulwinder Singh Mann** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

Er. Sukhjot Singh Sehra  
(Co-Coordinator)

Er. Vivek Thapar  
(Co-Coordinator)

Dr. Parminder Singh  
(Coordinator)

Dr. J. N. Jha  
(Coordinator TEQIP-II)

Dr. M. S. Saini  
(Patron)



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## RECENT COMPUTING PARADIGMS

It is certified that **Dr. Manpreet Singh** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

Er. Sukhjot Singh Sehra  
(Co-Coordinator)

Er. Vivek Thapar  
(Co-Coordinator)

Dr. Parminder Singh  
(Coordinator)

Dr. J. N. Jha  
(Coordinator TEQIP-II)

Dr. M. S. Saini  
(Patron)



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## RECENT COMPUTING PARADIGMS



It is certified that **Dr. Kiran Jyoti** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

Dr. Sukhjot Singh Sehra  
(Co-Coordinator)

Dr. Vivek Thapar  
(Co-Coordinator)

Dr. Parminder Singh  
(Coordinator)

Dr. J. V. Jha  
(Coordinator TEQIP-II)

Dr. M. S. Saini  
(Patron)

# Guru Nanak Dev Engineering College, Ludhiana

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Faculty Development Programme

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## RECENT COMPUTING PARADIGMS



It is certified that **Er. Amit Kamra** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

Er. Sukhjot Singh Sehra

(Co-Coordinator)

Er. Vivek Thapar

(Co-Coordinator)

Dr. Parminder Singh

(Coordinator)

Dr. J. N. Jha

(Coordinator TEQIP-II)

Dr. M. S. Saini

(Patron)

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## RECENT COMPUTING PARADIGMS

It is certified that **Er. Pankaj Bhambri** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

Er. Sukhjith Singh Sehra  
(Co-Coordinator)

Er. Vivek Thapar  
(Co-Coordinator)

Dr. Parminder Singh  
(Coordinator)

Dr. J. N. Jha  
(Coordinator TEQIP-II)

Dr. M. S. Saini  
(Patron)



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on

## RECENT COMPUTING PARADIGMS

It is certified that **Er. Ranjodh Kaur** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from 7<sup>th</sup> - 11<sup>th</sup> July, 2014.



Er. Sukhjot Singh Sehra  
(Co-Coordinator)

Er. Vivek Thapar  
(Co-Coordinator)

Dr. Parminder Singh  
(Coordinator)

Dr. N. Jha  
(Coordinator TEQIP-II)

Dr. M. S. Saini  
(Person)

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on




## RECENT COMPUTING PARADIGMS


It is certified that **Er. Jagdeep Singh** of **Guru Nanak Dev Engineering College, Ludhiana** attended the TEQIP-II sponsored Faculty Development Programme on **Recent Computing Paradigms** organised by Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana from **7<sup>th</sup> - 11<sup>th</sup> July, 2014**.

  
Er. Sukhjot Singh Sehra  
(Co-Coordinator)

  
Er. Vivek Thapar  
(Co-Coordinator)

  
Dr. Parminder Singh  
(Coordinator)

  
Dr. J. N. Jha  
(Coordinator TEQIP-II)

  
Dr. M. S. Saini  
(Patron)





**Punjab Institute of Technical Teachers  
Training & Research (PITTTR), Jalandhar**



IKG-PTU/PITTTR/REG/841 -

Date: 11-06-2015

### *Certificate*

This is certified that Mr./Ms. **Sachin Bagga S/o. D/o Sh. Rajesh Kumar Bagga** attended the five days faculty development programme on the title "**Image Processing and its Applications**" held at **Lala Lajpat Rai Institute of Engineering & Technology, Moga (Pb.)** from **08-06-2015 to 12-06-2015**.



  
Co-ordinator  
(Host Institute)

  
Principal/Director  
(Host Institute)

  
Registrar  
PITTTR Jalandhar





**राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान**  
**NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING**  
**AND RESEARCH**

(Established by Ministry of Human Resource Development, Govt  
SECTOR 26 CHANDIGARH 160 019  
(An ISO 9001: 2000 Certified Institute)

FAX: (0172) 2793893, 2791366  
PBX: 0172- 2759658 (O)  
0172- 2790859 (R)  
e-mail: headcdc@gmail.com


Dr. AB Gupta  
Professor & Head  
Curriculum Development Centre

Ref: NITTTR/CDC/S-1/5416  
Date: 19.5.2015

DUPLICATE

TO WHOM IT MAY CONCERN

This is to certify that Dr. Parampal Singh, Associate Professor, Guru Nanak Dev Engineering College, Ludhiana acted as an expert and engaged session on 15.5.2015 on 'Professional Ethics & Values' during the short-term training programme on 'Effective Curriculum Implementation' organized by this institute at Beant College of Engineering & Technology, Gurdaspur from 11-15 May, 2015. His lecture was widely appreciated by the course participants.

  
(Dr. AB Gupta)





**Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY**  
**JALANDHAR – 144 011, PUNJAB, INDIA**

*Certificate of Participation*

presented to

**Jagbir SINGH**

for having attended the

One Week Short Term Course on

*High Performance Concrete: Past, Present and Future*

15-19 June 2015

Organised by

Department of Civil Engineering

Dr B R Ambedkar National Institute of Technology, Jalandhar

under the aegis of

Technical Education Quality Improvement Programme (TEQIP-II)

**Coordinators**

**Head of Department**



Department of Electronics & Communication Engineering  
**Guru Nanak Dev Engineering College**




(AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT - 1956)


Gill Park, Ludhiana.


**Certificate of Participation**

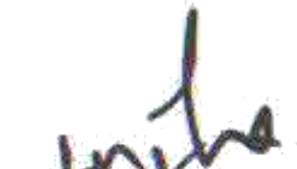
One Week Faculty Development Programme on  
Nature Inspired Computational Techniques for Engineering & Sciences  
(TEQIP-II SPONSORED)

This certificate is awarded to Ms./Mr./Dr. SANDEEP SINGH GILL  
of GNDEC, LUDHIANA. for being participation in One week Faculty  
Development Programme on Nature Inspired Computational Techniques for Engineering & Sciences  
(TEQIP-II SPONSORED), held from 21st July to 25th July 2014, organized by Department of  
Electronics and Communication Engineering, Guru Nanak Dev Engineering College, Ludhiana (Pb.)

  
Er. Narwant Singh Grewal  
Coordinator

  
Dr. Munish Rattan  
Coordinator

  
Dr. Sandeep Singh Gill  
Chief Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator



Department of Electronics & Communication Engineering



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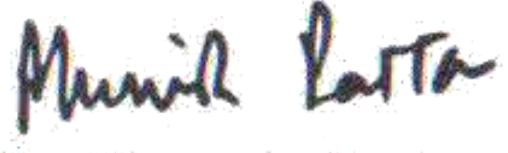
Gill Park, Ludhiana.

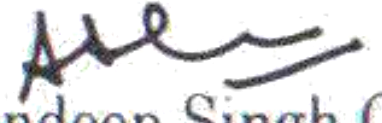
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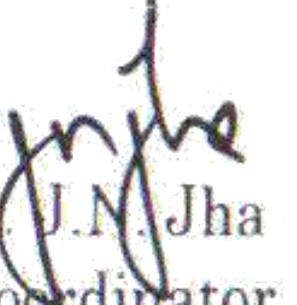
One Week Faculty Developement Programme on  
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*This certificate is awarded to Ms./Mr./Dr. KANWALJIT SINGH  
of GNDCE, LUDHIANA for being participation in One week Faculty  
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Department of Electronics & Communication Engineering



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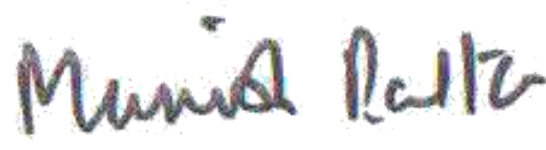
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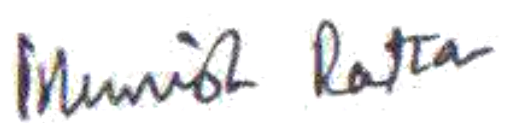
This certificate is awarded to Ms./Mr./Dr. BALWINDER SINGH DHALIWAL

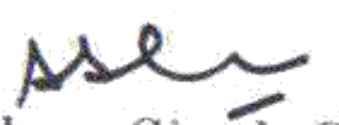
of GNDEC, LUDHIANA

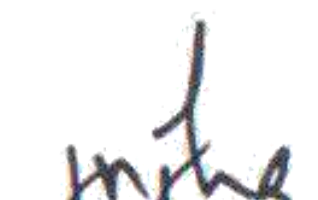
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*This certificate is awarded to Ms./Mr./Dr. HARMINDER KAUR*


*of GNDEC, LUDHIANA for being participation in One week Faculty*


*Development Programme on Nature Inspired Computational Techniques for Engineering & Sciences*

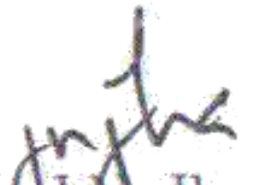
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of GNDEC, LUDHIANA


for being participation in One week Faculty


Development Programme on Nature Inspired Computational Techniques for Engineering & Sciences

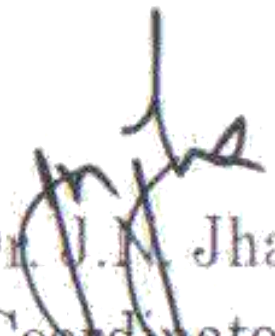
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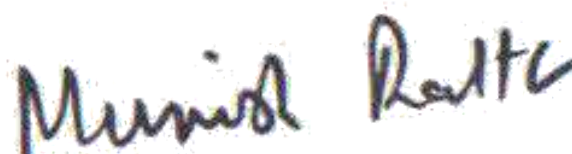
Gill Park, Ludhiana.


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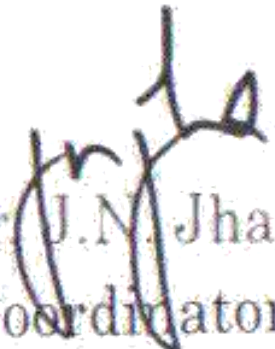
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Coordinator

  
Dr. Munish Rattan  
Coordinator

  
Dr. Sandeep Singh Gill  
Chief Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator



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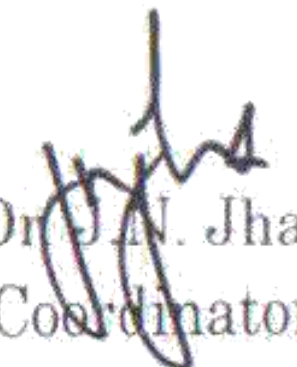
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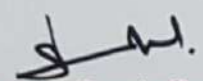
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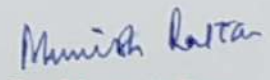
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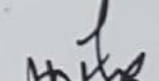
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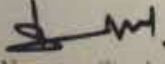
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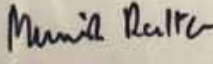
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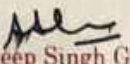
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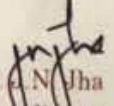
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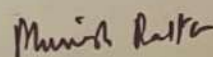
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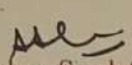
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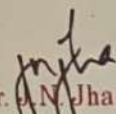
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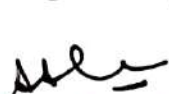
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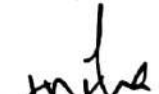
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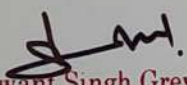
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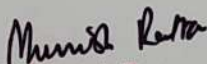
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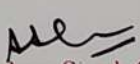
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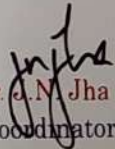
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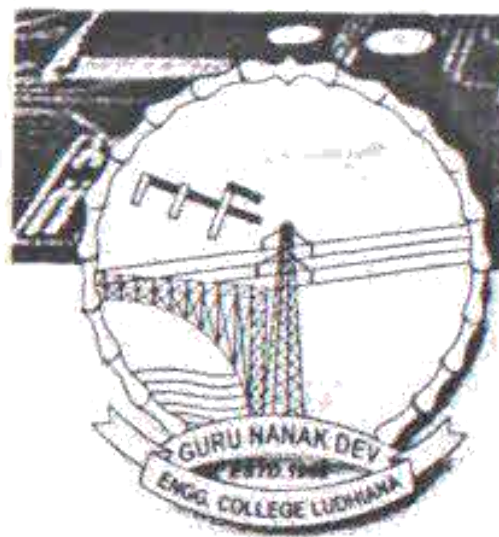
  
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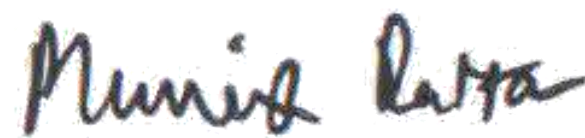
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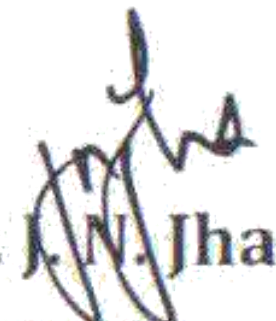
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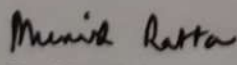
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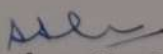
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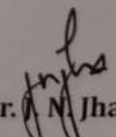
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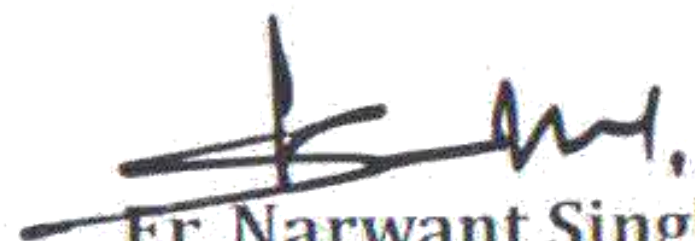
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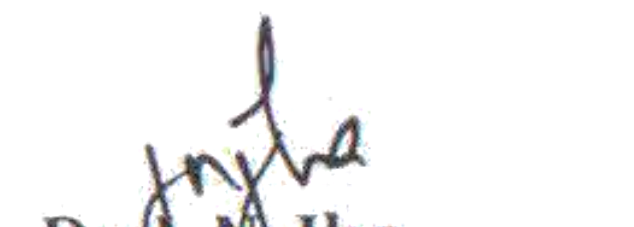
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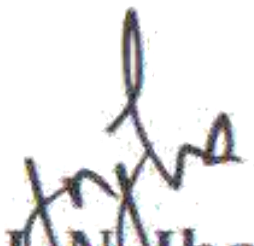
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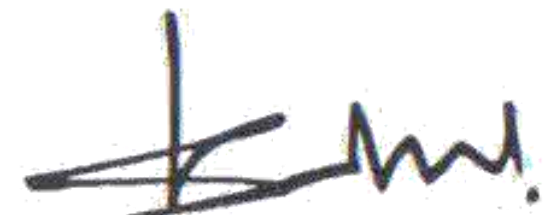
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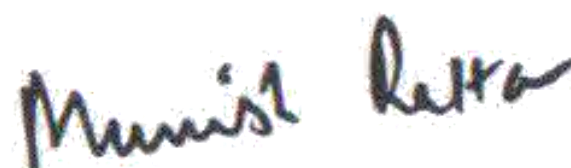
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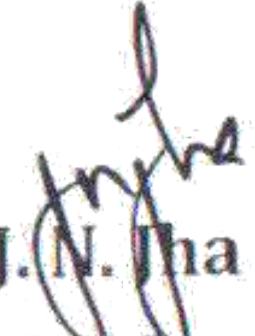
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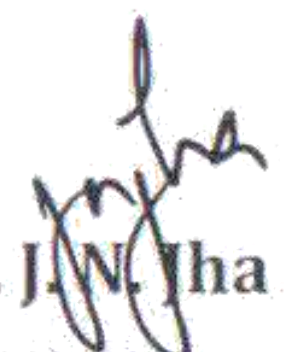
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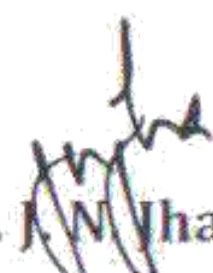
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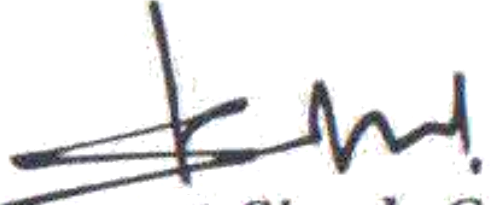
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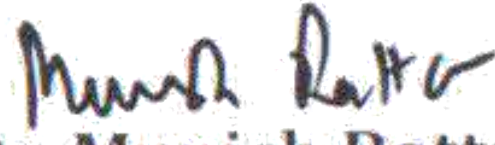
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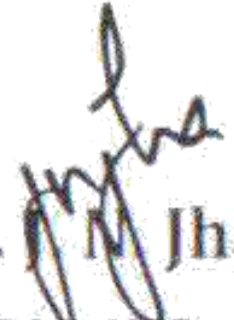
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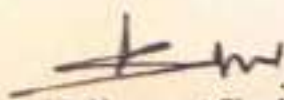
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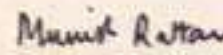
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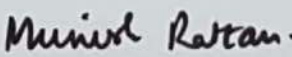
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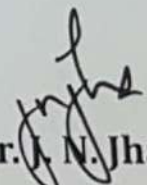
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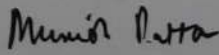
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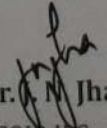
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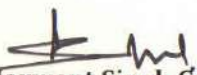
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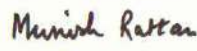
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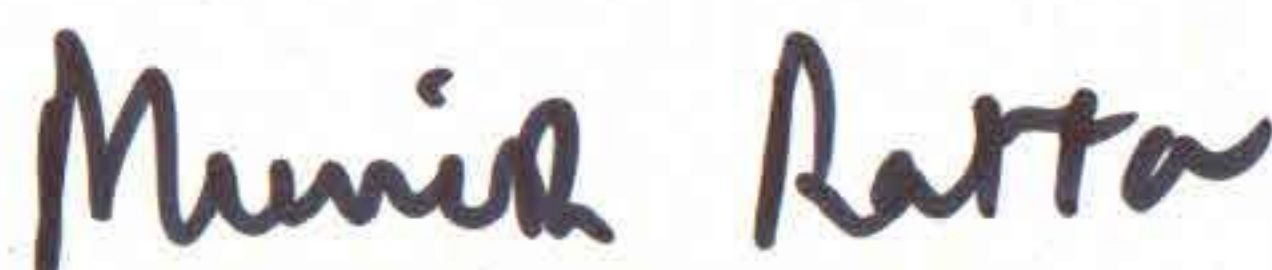
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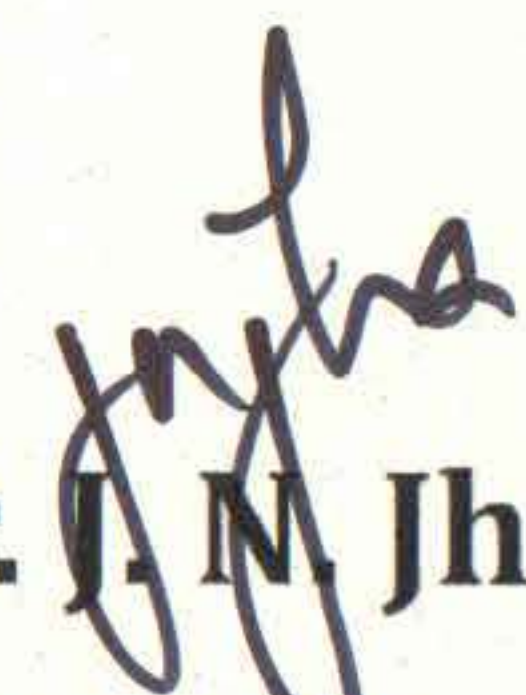
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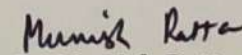
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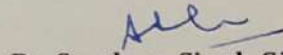
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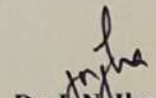
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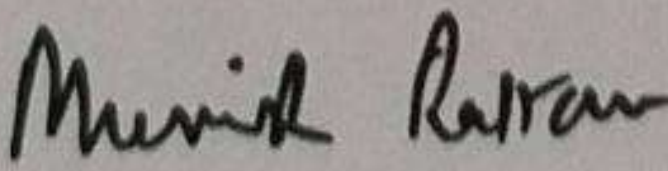
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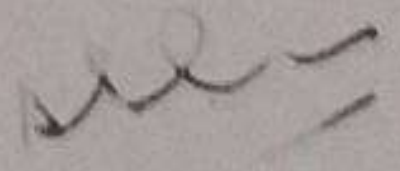
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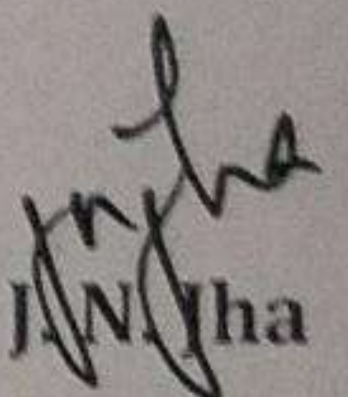
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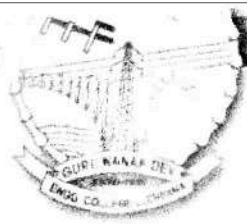
  
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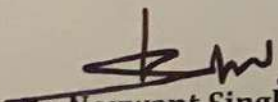
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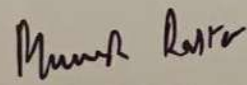
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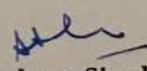
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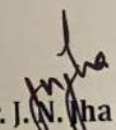
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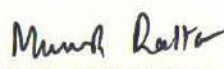
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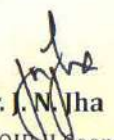
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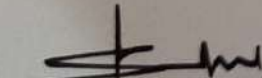
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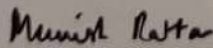
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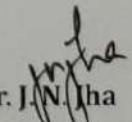
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*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
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MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**HARJOT KAUR GILL**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

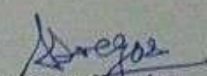
*from*


**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8009/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**MOHANJIT KAUR**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)  
*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 7996/16

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**INDERJIT SINGH DHANOA**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*Hoega*  
Coordinator

*[Signature]*  
Director





ICT - 8006/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**MANDEEP KAUR**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

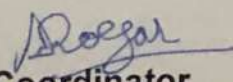
*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 7994/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**HARDEEP SINGH KANG**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

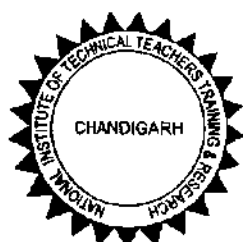
**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8019/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**SHAILJA SHARMA**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)  
*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

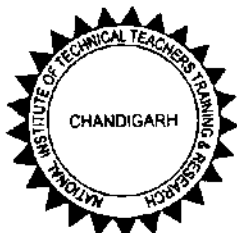
**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*[Signature]*  
**Coordinator**

**Director**





ICT - 7977/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**AMARPREET KAUR**

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Open Source Technologies  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**04.01.2016 to 08.01.2016 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*Doeges*  
**Coordinator**

*[Signature]*  
**Director**



**Department of Management Studies**  
**Indian Institute of Technology Delhi**  
Hauz Khas, New Delhi – 110 016

Short Term Course under

**Technical Education Quality Improvement Programme - II**

On

**Advanced Data Analysis for Management**



This is to certify that ***BLOSSOM*** has attended the Short-term course on ***Advanced Data Analysis for Management***, under the sponsorship of Technical Education Quality Improvement Programme –II held from **14.12.2015 to 18.12.2015**.

Dr. Seema Sharma  
Course Coordinator

Prof. Kanika T. Bhal  
Head of Department

Dr. Mahim Sagar  
Coordinator QIP/TEQIP-II



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme on



## "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. \_\_\_\_\_

\_\_\_\_\_

of \_\_\_\_\_

has attended the

Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary

Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,

Ludhiana, from 16/5/2016 to 27/5/2016.

Dr. Ajay Shiv Sharma  
(Coordinator)

Prof. Jasbir Singh Saini  
(Coordinator)

Dr. K. S. Mann  
(HoD IT)

Dr. P. Singh

Dr. A. N. Jha  
Coordinator TEQIP-II

Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme on





## "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. Jagdeep Singh  
of Guru Nanak Dev Engineering College, Ludhiana has attended the  
Two Weeks Faculty Development Programme on **"Computing Tools to Facilitate Multidisciplinary  
Research"** organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 16/5/2016 to 27/5/2016.


  
Dr. Ajay Shiv Sharma  
(Coordinator)

  
Prof. Jasbir Singh Saini  
(Coordinator)

  
Dr. K. S. Mann  
(HoD IT)

  
Dr. Parminder Singh  
(HoD CSE)

  
Dr. J. N. Jha  
Coordinator TEQIP-II

  
Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored


### Two Weeks Faculty Development Programme


on

## "Computing Tools to Facilitate Multidisciplinary Research"



It is certified that Dr./Mr./Ms. Rupinder Kaur  
of Guru Nanak Dev Engineering College, Ludhiana has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 16/5/2016 to 27/5/2016.

  
Dr. Ajay Shiv Sharma  
(Coordinator)

  
Prof. Jasbir Singh Saini  
(Coordinator)

  
Dr. K. S. Mann  
(HoD IT)

  
Dr. Parminder Singh  
(HoD CSE)

  
Dr. N. Jha  
Coordinator TEQIP-II

  
Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme

ON

### "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. Daljeet Singh  
of Guru Nanak Dev Engineering College, Ludhiana has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,

Ludhiana, from 16/5/2016 to 27/5/2016.

Dr. Ajay Shiv Sharma  
(Coordinator)

Prof. Jasbir Singh Saini  
(Coordinator)

Dr. K. S. Mann  
(HoD IT)

Dr. Parminder Singh  
(HoD CSE)

Dr. J. N. Gha  
Coordinator TEQIP-II

Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme



on

## "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. Gagandeep Kaur Gill  
of Guru Nanak Dev Engineering College, Ludhiana has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 16/5/2016 to 27/5/2016.

  
Dr. Ajay Shiv Sharma  
(Coordinator)

  
Prof. Jasbir Singh Saini  
(Coordinator)

  
Dr. K. S. Mann  
(HoD IT)

  
Dr. Parinder Singh  
(HoD CSE)

  
Dr. J. N. Jha  
Coordinator TEQIP-II

  
Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme

on

### "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. \_\_\_\_\_  
of \_\_\_\_\_  
has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 15/5/2016 to 27/5/2016.

Dr. Anil Sharma  
(Principal)

Dr. Anil Sharma  
(Principal)

Dr. Anil Sharma  
(Principal)

Dr. Anil Sharma  
(Principal)



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme on




## "Computing Tools to Facilitate Multidisciplinary Research"

It is certified that Dr./Mr./Ms. *Priyanka Arora*  
of *Guru Nanak Dev Engineering College, Ludhiana* has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 16/5/2016 to 27/5/2016.

  
Dr. Ajay Shiv Sharma  
(Coordinator)

  
Prof. Jasbir Singh Saini  
(Coordinator)

  
Dr. K. S. Mann  
(HoD IT)

  
Dr. Parminder Singh  
(HoD CSE)

  
Dr. J. M. Jha  
Coordinator TEQIP-II

  
Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored Two Weeks Faculty Development Programme

on

## "Computing Tools to Facilitate Multidisciplinary Research"



It is certified that Dr./Mr./Ms. *Goldendeep Kaur*  
of *Guru Nanak Dev Engineering College, Ludhiana* has attended the  
Two Weeks Faculty Development Programme on "Computing Tools to Facilitate Multidisciplinary  
Research" organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College,  
Ludhiana, from 16/5/2016 to 27/5/2016.

*[Signature]*  
Dr. Ajay Shiv Sharma  
(Coordinator)

*[Signature]*  
Prof. Jasbir Singh Saini  
(Coordinator)

*[Signature]*  
Dr. K. S. Mann  
(HoD IT)

*[Signature]*  
Dr. Parminder Singh  
(HoD CSE)

*[Signature]*  
Dr. A. N. Jha  
Coordinator TEQIP-II

*[Signature]*  
Dr. M. S. Saini  
Director



# Guru Nanak Dev Engineering College, Ludhiana

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



## TEQIP-II Sponsored

### Two Weeks Faculty Development Programme

on

## "Computing Tools to Facilitate Multidisciplinary Research"



It is certified that Dr./Mr./Ms. *Kapil Sharma*  
of *Guru Nanak Dev Engineering College, Ludhiana* has attended the  
Two Weeks Faculty Development Programme on **"Computing Tools to Facilitate Multidisciplinary Research"** organised by the Departments of CSE, IT and MCA, at Guru Nanak Dev Engineering College, Ludhiana, from **16/5/2016 to 27/5/2016**.

*[Signature]*  
Dr. Ajay Shiv Sharma  
(Coordinator)

*[Signature]*  
Prof. Jasbir Singh Saini  
(Coordinator)

*[Signature]*  
Dr. K. S. Mann  
(HoD IT)

*[Signature]*  
Dr. Parminder Singh  
(HoD CSE)

*[Signature]*  
Dr. J. N. Jha  
Coordinator TEQIP-II

*[Signature]*  
Dr. M. S. Saini  
Director



# Department of Management Studies

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Hauz Khas, New Delhi - 110 016

Short Term Course under

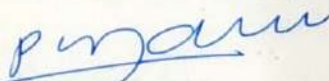
## Technical Education Quality Improvement Programme – II

On

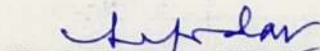
Financial Management




This is to certify that **Dr. Sukhdev Singh** has attended the short-term course on "*Financial Management*" under the sponsorship of Technical Education Quality Improvement Programme-II held at Department of Management Studies, IIT Delhi from 17th to 21st August, 2015.



Prof. P.K. Jain  
Course Coordinator



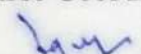
Prof. Surendra S. Yadav  
Course Coordinator

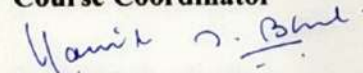


Dr. Shveta Singh  
Course Coordinator



Dr. Smita Kashiramka  
Course Coordinator



  
Prof. Kanika T. Bhal

Head, Department of Management Studies

Dr. Mahim Sagar  
Coordinator TEQIP-II





299/16

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**RAVINDER KAUR RANDHAWA**  
GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course  
on*

**Universal Human Values Development in  
Students through Curriculum Management**

*conducted by*

**NITTTR, Chandigarh**

*from*

**18.04.2016 to 20.04.2016**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*[Signature]*  
Coordinator

*[Signature]*  
HOD

*[Signature]*  
Director





298/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**SAMREET KAUR GOSAL**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course  
on*

**Universal Human Values Development in  
Students through Curriculum Management**

*conducted by*

**NITTTR, Chandigarh**

*from*

**18.04.2016 to 20.04.2016**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*[Signature]*

Coordinator

*[Signature]*

HOD

*[Signature]*  
Director





Serial No. 1873/15

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**RUPINDER SINGH**

*GNDEC, Ludhiana (Punjab)*

*Participated in AICTE recognized Short Term Course*

*on*

**WATER HARVESTING, WATER RECYCLING AND  
WATER RESOURCE MANAGEMENT**

*Conducted by Civil Engineering Department*

*from*

**20.07.2015 to 24.07.2015**

*at*

**GZSCCET, BATHINDA (PUNJAB)**

  
**Coordinator**

  
**Head of Department**

**Director**







241/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**RANDHIR SINGH, ASSISTANT PROF.**

**GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)**

*Participated in AICTE recognised Short Term Course*

*On*

**ADVANCES IN OFC TECHNOLOGY**

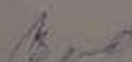
*Conducted by Applied Science Department  
from*

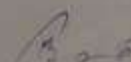
**25.04.2016 to 29.04.2016(One Week)**

*at*

**GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)**



  
Coordinator

  
Head of Department

  
Director



# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

KIRANDEEP KAUR, ASSISTANT PROF.

GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)

*Participated in AICTE recognised Short Term Course*

*On*

***ADVANCES IN OFC TECHNOLOGY***

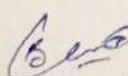
*Conducted by Applied Science Department  
from*

25.04.2016 to 29.04.2016(One Week)

*at*

***GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)***



  
Coordinator

  
Head of Department

  
Director





232/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*  
MANJOT KAUR GILL, ASSISTANT PROF.

*GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)*

*Participated in AICTE recognised Short Term Course*

*On*

***ADVANCES IN OFC TECHNOLOGY***

*Conducted by Applied Science Department  
from*

*25.04.2016 to 29.04.2016(One Week)*

*at*

***GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)***



  
Coordinator

  
Head of Department

  
Director





220/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*  
RUPINDER KAUR, ASSISTANT PROF.  
GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)  
*Participated in AICTE recognised Short Term Course*

*On*

***ADVANCES IN OFC TECHNOLOGY***

*Conducted by Applied Science Department  
from*

25.04.2016 to 29.04.2016(One Week)

*at*

**GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)**



  
Coordinator

  
Head of Department

  
Director



**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**RANJODH KAUR, ASSISTANT PROF.**

**GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)**

*Participated in AICTE recognised Short Term Course*

*On*

***ADVANCES IN OFC TECHNOLOGY***

*Conducted by Applied Science Department  
from*

**25.04.2016 to 29.04.2016(One Week)**

*at*

***GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)***



  
Coordinator

  
Head of Department

  
Director





225/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

SUMEET KAUR SEHRA, ASSISTANT PROF.

GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)

*Participated in AICTE recognised Short Term Course*

*On*

**ADVANCES IN OFC TECHNOLOGY**

*Conducted by Applied Science Department  
from*

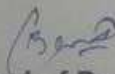
25.04.2016 to 29.04.2016 (One Week)

*at*

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)



  
Coordinator

  
Head of Department

  
Director





217/16

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

NISHU KANSAL, ASSISTANT PROF.

GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)

*Participated in AICTE recognised Short Term Course*

*On*

**ADVANCES IN OFC TECHNOLOGY**

*Conducted by Applied Science Department  
from*

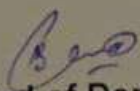
25.04.2016 to 29.04.2016 (One Week)

*at*

**GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)**



  
Coordinator

  
Head of Department

  
Director



**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

RAVINDER KAUR, ASSISTANT PROF.

GURU NANAK DEV ENGG. COLLEGE, LUDHIANA (PB.)

*Participated in AICTE recognised Short Term Course*

*On*

**ADVANCES IN OFC TECHNOLOGY**

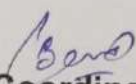
*Conducted by Applied Science Department  
from*

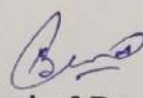
25.04.2016 to 29.04.2016 (One Week)

*at*

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PB.)



  
Coordinator

  
Head of Department

  
Director



UNIVERSITY GRANTS COMMISSION  
HUMAN RESOURCE DEVELOPMENT CENTRE  
GURU NANAK DEV UNIVERSITY, AMRITSAR



UGC- SPONSORED REFRESHER COURSE

This is to certify that Dr./Mr./Ms. Indupreet Kaur

Designation Asstt. Professor of Guru Nanak Dev Engg. College, Ludhiana.  
affiliated to Punjab Technical University, Jalandhar  
participated in the **Refresher Course** in Disaster Management (3.D)

from 26.11.2015 to 16.12.2015 and obtained Grade A.

Amritsar

Dated 16.12.2015

Arvinder  
Director

Arvinder  
Coordinator

Arvinder  
Registrar/Vice-Chancellor





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*

(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Er. Blossam of  
Guru Nanak Dev Engineering College, Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.



*J.S. Grewal*  
Prof. J.S. Grewal  
Chairman

*R. Singh*  
Dr. Rupinder Singh  
Coordinator

*Dr. Jyotsna*  
TEQIP-II Coord





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM


ON


*"Waste Management and Optimization Techniques"*

(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. Geetika of  
Guru Nanak Dev Engineering College, Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator

  
Dr. N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

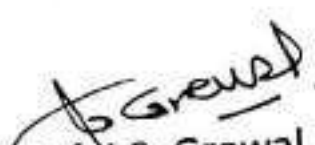
2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*


(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. Kulwinder Singh of  
Guru Nanak Dev Engineering College, Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator



  
Dr. J.M. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM


ON

**"Waste Management and Optimization Techniques"**

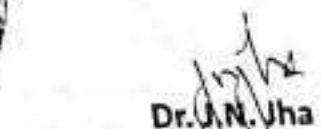
(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Amandeep Singh Gill of  
Civil Engineering Department for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.



  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON


*"Waste Management and Optimization Techniques"*


(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Es. Pardeep Singh of Guru Nanak Dev Engineering College, Ludhiana for participation in 2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II), held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.



  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*


(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Er. Amandeep Singh of  
Guru Nanak Dev Engineering College; Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.



  
Prof. J.S. Grewal

  
Dr. Rupinder Singh

  
Dr. J.N. Jha





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*


(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. Charanjeet Singh of  
Guru Nanak Dev Engineering College, Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator



  
Dr. U.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*

(under : TEQIP - II)

This certificate is awarded to ~~Ms./Mrs.~~ Er. Pankaj Bhambr of  
Guru Nanak Dev Engineering College, Ludhiana for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.



  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

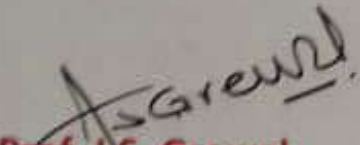
2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

*"Waste Management and Optimization Techniques"*

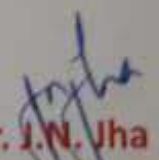
(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Ec. Kamaljit Kaur Dhillon of Guru Nanak Dev Engineering College, Ludhiana for participation in 2 Week Faculty Development Program on "Waste Management and Optimization Techniques" (Under : TEQIP-II), held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator



  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

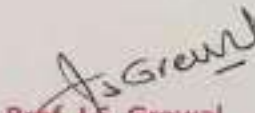
2-WEEK FACULTY DEVELOPMENT PROGRAM


ON

*"Waste Management and Optimization Techniques"*

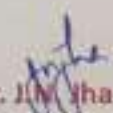
(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. Parminder Kaur Wadhwa of Guru Nanak Dev Engineering college, Ludhiana for participation in 2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II), held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator



  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

ON

**"Waste Management and Optimization Techniques"**

(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. K. S. Mann of Guru Nanak Dev Engineering college, Ludhiana. for participation in 2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II), held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.

  
**Prof. V.S. Grewal**  
Chairman

  
**Dr. Rupinder Singh**  
Coordinator



  
**Dr. J.N. Jha**  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

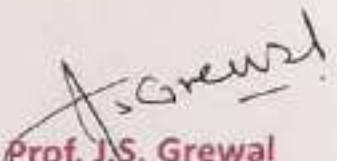
2-WEEK FACULTY DEVELOPMENT PROGRAM


ON

*"Waste Management and Optimization Techniques"*


(under : TEQIP - II)

This certificate is awarded to Ms./Mrs. Dr. Amit Kamra of  
Guru Nanak Dev Engg. College, L.Dh. for participation in  
2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II),  
held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak  
Dev Engineering College, Ludhiana.

  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator



  
Dr. J.N. Jha  
TEQIP-II Coordinator





# Guru Nanak Dev Engineering College, Ludhiana

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT - 1956

Department of Production Engineering

## Certificate of participation

2-WEEK FACULTY DEVELOPMENT PROGRAM

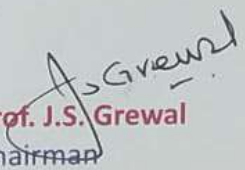
ON

*"Waste Management and Optimization Techniques"*

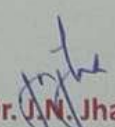
(under : TEQIP - II)

This certificate is awarded to ~~Ms./Mrs.~~ Dr. Kanwardeep Singh of Guru Nanak Dev Engineering college; Ludhiana for participation in 2 Week Faculty Development Program on 'Waste Management and Optimization Techniques' (Under : TEQIP-II), held from 27<sup>th</sup> Dec. 2015 to 5<sup>th</sup> Jan. 2016, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.



  
Prof. J.S. Grewal  
Chairman

  
Dr. Rupinder Singh  
Coordinator

  
Dr. J.N. Jha  
TEQIP-II Coordinator



गुण अभिवृद्धि कार्यक्रम केन्द्र  
QUALITY IMPROVEMENT PROGRAMME CENTRE



भारतीय प्रौद्योगिकी संस्थान रुड़की  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
ROORKEE (UTTARAKHAND)

QIP/2015-16/9/253

This is to certify that..... Harmohan Singh Dhall  
attended the course on..... "Econometric Modelling of Cross-Sectional and Time-  
Series Data"  
held from..... 29.06.2015 ..... to ..... 03.07.2015 (One Week)  
organized by Department of ..... Humanities and Social Sciences  
The course has been devoted to imparting of specialised and advanced  
instruction in the subject.

POCO  
SHOT ON POCO F1  
Dr. Rachita Gulati) (Dr. Subir Sen)  
Course Coordinator(s)

(Dr. Bhupendra K. Gandhi)  
Professor & Coordinator  
Quality Improvement Programme Centre





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Amarinder Singh Pannu  
of G.NDEC, Ludhiana for participation in workshop / Seminar /  
✓ FDP / SDP / Training on the subject Research Methods for Engineers Organized  
by Mechanical Engineering Department / Branch / Section  
from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,  
Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Sell  
Activity Co-ordinator  
Hr

mythe  
Co-ordinator TEQIP-II

NSH  
Director





# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

TEQIP II

This certificate is awarded to Dr./ Mr./ Ms. Chaturant Singh Pandher  
of GNDEC, Ludhiana for participation in workshop / Seminar /  
✓ FDP / SDP / Training on the subject Research Methods for Engineers Organized  
by Mechanical Engineering Department / Branch / Section  
from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,  
Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Soh  
Activity Co-ordinator

prjha  
Co-ordinator TEQIP-II

PSH  
Director



# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Gurwant Singh

of GNDEC, Ludhiana for participation in workshop / Seminar /

✓ FDP / SDP / Training on the subject Research Methods for Engineers Organized

by Mechanical Engineering Department / Branch / Section

from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Activity Co-ordinator  
Sell

Co-ordinator TEQIP-II  
pryha

Director  
NSH

TEQIP II





# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

TEQIP II

This certificate is awarded to Dr./ Mr./ Ms. Gulvin Singh

of GNDEC, Ludhiana for participation in workshop / Seminar /

✓ FDP / SDP / Training on the subject Research Methods for Engineers organized

by Mechanical Engineering Department / Branch / Section

from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

S. K.  
Activity Co-ordinator

prerna  
Co-ordinator TEQIP-II

NB  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Hasnam Singh Fawaha  
of GNDEC, Ludhiana for participation in workshop / Seminar /  
✓  
FDP / SDP / Training on the subject Research Methods for Engineers Organized  
by Mechanical Engineering Department / Branch / Section  
from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,  
Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Activity Co-ordinator  
*Sah*

Co-ordinator TEQIP-II  
*gryha*

Director  
*NPB*





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Jagjit Kaur

of GNDEC, Ludhiana for participation in workshop / Seminar /

✓ FDP / SDP / Training on the subject Research Methods For Engineers Organized

by Mechanical Engineering Department / Branch / Section

from 31<sup>st</sup> May, 2016 to 4<sup>th</sup> June, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Soh  
Activity Co-ordinator

[Signature]  
Co-ordinator TEQIP-II

[Signature]  
Director



## **CRITERIA 6.3.4**

***E-copies of certificates  
for Year***

**2016-2017**



PEC University  
of Technology

Infosys Campus Connect

## *Certificate of Participation*

This is to certify that

*Sidharath Jain*

of

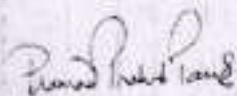
*Guru Nanak Dev Engineering College, Ludhiana*

has participated in the  
Faculty Enablement Program (FEP)  
on

**Web Front-End Technologies**

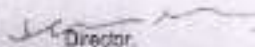
conducted by Infosys Limited at PEC University of Technology

during 1<sup>st</sup> to 5<sup>th</sup> March 2017.



Ramesh Prakash Pandey  
Senior Vice President & Head,

Education, Training and Assessment, Infosys Limited PEC University of Technology, Chandigarh



Director,

Education, Training and Assessment, Infosys Limited



TEQIP Short Term Course on  
**ADVANCES IN STRUCTURAL ENGINEERING**

February 20-24, 2017

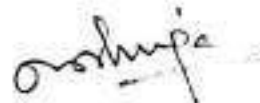
Department of Civil Engineering  
Indian Institute of Technology Roorkee  
ROORKEE - 247667 (Uttarakhand)

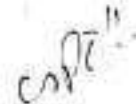


**PARTICIPATION CERTIFICATE**

This is to certify that Mr. Yuvraj Singh of Guru Nanak Dev Engg. College, Ludhiana has participated in TEQIP Short Term Course on Advances in Structural Engineering held at the Deptt. of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee - 247667 (Uttarakhand), on February 20-24, 2017.

  
Dr. Sonalisa Ray  
Course Co-Coordinator

  
Dr. A.K. Ahuja  
Course Coordinator

  
Dr. C.S.P. Ojha  
Professor & Head



TEQIP Short Term Course on  
**ADVANCES IN STRUCTURAL ENGINEERING**

February 20-24, 2017

Department of Civil Engineering  
Indian Institute of Technology Roorkee  
ROORKEE - 247667 (Uttarakhand)

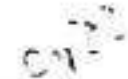


**PARTICIPATION CERTIFICATE**

This is to certify that Mr. Aman Deep Singh Gill of Guru Nanak Dev Engg. College, Ludhiana has participated in TEQIP Short Term Course on Advances in Structural Engineering held at the Deptt. of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee - 247667 (Uttarakhand), on February 20-24, 2017.

  
Dr. Sonalisa Ray  
Course Co-Coordinator

  
Dr. A.K. Ahuja  
Course Coordinator

  
Dr. C.S.P. Ojha  
Professor & Head





ICT - 8436/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Dr. MANPREET SINGH**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL**

**through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8425/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**KAMALJIT KAUR**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*[Signature]*  
Coordinator

*[Signature]*  
Director





ICT - 8428/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**MOHANJIT KAUR KANG**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8434/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**SACHIN BAGGA**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL**

**through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8451/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**HARJOT KAUR**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*


**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8438/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**PANKAJ BHAMBRI**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL  
through ICT  
conducted by**

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 8437/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Dr. KIRAN JYOTI**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**PHP & MySQL  
through ICT**

*conducted by*

**Computer Science & Engineering Department**

*from*

**23.01.2017 to 27.01.2017 (Except on 26.01.2017)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





TEQIP II

An Autonomous College w/s (AET) & 12th of UGC Act-1956  
Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. GURPUNEET SINGH  
of GNDEL, Ludhiana for participation in workshop Semester

✓ FDP / SDP / Training on the subject Solid Waste Management in India  
Cities - Towns & Green Spaces

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Vijay  
Activity Co-ordinator

W. S.  
Co-ordinator TEQIP-II

Director  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ ☒ Mr./ Ms. KASHISH JAIN

of GNDEC, LUDHIANA for participation in workshop / Seminar /

☒ FDP / SDP / Training on the subject Solid Waste Management in Indian Cities - Issues & Concern Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

[Signature]  
Activity Co-ordinator

[Signature]  
Co-ordinator TEQIP-II

[Signature]  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. KULWINDER SINGH

of GNDEC, Ludhiana for participation in workshop / Seminar /

FDP / SDP / Training on the subject Solid Waste Management in Indian Cities - Issues & Concerns Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Rheem  
Activity Co-ordinator

Sh  
Co-ordinator TEQIP-II

Sh  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ <sup>✓</sup>Ms. MANDEEP KAUR

of GNDEC, Ludhiana for participation in workshop / Seminar /


FDP / SDP / Training on the subject Solid Waste Management in Indian Cities- Issues & Concerns Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





TEQIP II

An Autonomous College of Engineering & Technology

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ ☒ Mr./ ☒ Ms. PRABHJOT SINGH

of GNDU, Ludhiana for participation in workshop / Seminar /

FDP / SDP / Training on the subject Solid Waste Management in  
Indian cities - Issues & Solutions

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP-II.

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Kheer  
Activity Co-ordinator

[Signature]  
Co-ordinator TEQIP-II

[Signature]  
Director





# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ <sup>✓</sup>Mr./ Ms. RUPINDER SINGH LIT

of GNDEC, Ludhiana for participation in workshop / Seminar /

<sup>✓</sup>FDP / SDP / Training on the subject Solid Waste Management in India  
Cities - Issues & Concern Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Kheer  
Activity Co-ordinator

[Signature]  
Co-ordinator TEQIP-II

[Signature]  
Director

TEQIP II





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ ☒ Mr./ Ms. AMANDEEP SINGH

of GNDTC, Ludhiana for participation in workshop / Seminar /


☒ FDP / SDP / Training on the subject Solid Waste Management in India  
Cities - Issues & Concern Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ ☒ Mr./ ☐ Ms. BHUPINDER SINGH

of GNDCE, Ludhiana for participation in workshop / Seminar /

☒ FDP / ☐ SDP / Training on the subject Solid Waste Management in Indian Cities-Issues & Concerns Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ ☒ Mr./ ☒ Ms. CHARNJEET SINGH  
of GNDEC, Ludhiana for participation in workshop / Seminar/  
Solid Waste Management in  
☒ FDP / ☒ SDP / Training on the subject Indian Cities - Issues & Concerns Organized  
by Civil Engineering Department / Branch / Section  
from August 23, 2016 to August 28, 2016 under TEQIP- II,  
Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

TEQIP II

This certificate is awarded to Dr./ Mr./ <sup>✓</sup>Ms. INDERPREET KAUR

of GNDEC, Ludhiana for participation in workshop / Seminar/  
Solid Waste Management in Indian  
<sup>✓</sup>FDP / SDP / Training on the subject Cities - Issues & Concern Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP-II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





TEQIP II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ <sup>✓</sup>Mr./ Ms. GURDEEPAK SINGH

of GNDEC, Ludhiana for participation in workshop / Seminar /

<sup>✓</sup>FDP / SDP / Training on the subject Solid Waste Management in Indian Cities- Issues & Concerns Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

  
Activity Co-ordinator

  
Co-ordinator TEQIP-II

  
Director





TEQIP  
II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. PRITPAL KAUR

of GNDEC, Ludhiana for participation in workshop / Seminar /

FDP / SDP / Training on the subject Solid Waste Management in Indian Cities - Issues & Concerns Organized

by Civil Engineering Department / Branch / Section

from August 23, 2016 to August 28, 2016 under TEQIP- II,

Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

[Signature]  
Activity Co-ordinator

[Signature]  
Co-ordinator TEQIP-II

[Signature]  
Director





TEQIP  
II

# Guru Nanak Dev Engineering College

An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

## Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. SUKHJIT SINGH SEHRA  
of GNDEC, Ludhiana for participation in workshop / Seminar/  
Solid waste management in India  
✓ FDP / SDP / Training on the subject Cities - Issues & Concerns Organized  
by Civil engineering Department / Branch / Section  
from August 23, 2016 to August 28, 2016 under TEQIP- II,  
Sub Component 1.1, a World Bank Aided Project through MHRD, Govt. of India.

Rheems  
Activity Co-ordinator

Dee  
Co-ordinator TEQIP-II

Dee  
Director





No. 2480/2016 - 2017

**NATIONAL INSTITUTE OF TECHNICAL  
TEACHERS' TRAINING AND RESEARCH  
KOLKATA-700 106**

*(Established by the Ministry of Human Resource Development, Govt. of India)*

**Certificate**

*Awarded to Puneet Pal Singh Cheema*

*for having successfully completed a Short Term / In-house Training Programme on  
Waste Management*

*Organized by this Institute from 28. 11. 2016 to 09. 12. 2016 duration 2 Weeks*

Dated, Kolkata  
the December 09, 2016

Programme Co-ordinator (s)  
NITTTR, Kolkata

*Ukar*  
Academic Co-ordinator  
NITTTR, Kolkata

*P. Anpla*  
Director  
NITTTR, Kolkata





ICT - 8968/17

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**INDERJIT SINGH DHANOA**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course  
on*

**Tools for Engineering Research  
through ICT**

*conducted by*

**Electrical Engineering Department**

*from*

**30.01.2017 to 03.02.2017 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*Shivani S.L.*

Coordinator

*P. S. Singh*

Director





ICT - 8982/17

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**SANDEEP KUMAR SINGLA**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Tools for Engineering Research  
through ICT**

*conducted by*

**Electrical Engineering Department**

*from*

**30.01.2017 to 03.02.2017 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*Shrini S.L.*

Coordinator

*P. S. S.*

Director



## **CRITERIA 6.3.4**

***E-copies of certificates***

***for Year***

**2017-2018**



# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (141006), PUNJAB, INDIA

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



It is certified that Amrinder Singh Pannu of G.N.D.E.C, Ludhiana  
has attended a QIP sponsored Short Term Course on "Finite Element Method for Engineering Applications"  
organised by Department of Mechanical Engineering, Guru Nanak Dev Engineering College, Ludhiana  
from 4<sup>th</sup> December 2017 to 8<sup>th</sup> December 2017.

  
Course Co-ordinator

  
HOD (Mech.)

  
QIP Co-ordinator




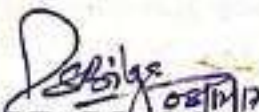
# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (141006), PUNJAB, INDIA

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956



It is certified that Chatwamt Singh Pandher of G.N.D.E.C, Ludhiana  
has attended a QIP sponsored Short Term Course on "Finite Element Method for Engineering Applications"  
organised by Department of Mechanical Engineering, Guru Nanak Dev Engineering College, Ludhiana  
from 4<sup>th</sup> December 2017 to 8<sup>th</sup> December 2017.

  
Course Co-ordinator

  
HOD (Mech.)

  
QIP Co-ordinator





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956


## AICTE SPONSORED Faculty Development Programme

On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms Baljeet Kaur  
of Guru Nanak Dev Engineering College, Ludhiana has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

(20)

  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs.<sup>✓</sup>/Dr./Ms HARMINDER KAUR

of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended

the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"

organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,

Ludhiana from 04th- 16th December 2017.

23

Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms Navneet Kaur  
of Guru Nanak Dev Engineering College, Ludhiana has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

29

  
Coordinator/ Head of Department





Sr. No. 799

Date 16. 12. 2017



Department of Electronics & Communication Engineering  
**Guru Nanak Dev Engineering College**

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

**AICTE SPONSORED**  
**Faculty Development Programme**  
On

**"Design Challenges in Low Power VLSI Design"**

It is certified that Mr./<sup>✓</sup>Mrs./Dr./Ms GURPURNEET KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

32

  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme


On

### "Design Challenges in Low Power VLSI Design"



It is certified that Mr./Mrs./Dr./Ms<sup>✓</sup> CHAHAT JAIN  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

35

  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms HARMINDER KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.



  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College


AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that <sup>✓</sup> Mr./Mrs./Dr./Ms KULDEEPAK SINGH  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

(41)

  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College


AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms SAPANJOT KAUR SANDBHU  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

49

  
Coordinator/ Head of Department



802

Date 16.12.2017

Department of Electronics & Communication Engineering

**Guru Nanak Dev Engineering College**

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

**AICTE SPONSORED**

**Faculty Development Programme**

On

**"Design Challenges in Low Power VLSI Design"**

It is certified that Mr./Mrs./Dr./Ms SIMRANJIT KAUR

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended

the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"

organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,

Ludhiana from 04th-16th December 2017.

53

  
Coordinator/Head of Department



Sr. No. 803

Date 16. 12. 2017



**Department of Electronics & Communication Engineering**  
**Guru Nanak Dev Engineering College**

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

**AICTE SPONSORED**  
**Faculty Development Programme**  
On

**"Design Challenges in Low Power VLSI Design"**

It is certified that Mr./<sup>✓</sup>Mrs./Dr./Ms NISHU KANSAL  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended  
the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,

Ludhiana from 04th- 16th December 2017.

(61)

*ss*



Sr. No. 794

Date 16. 12. 2017



# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme

On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms<sup>✓</sup> PALWINDER KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended

the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,

Ludhiana from 04th- 16th December 2017.

(64)

  
Coordinator/ Head of Department





# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

## AICTE SPONSORED Faculty Development Programme On

### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms TARANDEEP SINGH

of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended

the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"

organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,

Ludhiana from 04th- 16th December 2017.

67

  
Coordinator/ Head of Department



Sr. No. 791

Date 16. 12. 2017



# Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

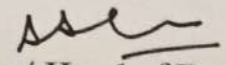
## AICTE SPONSORED Faculty Development Programme

On

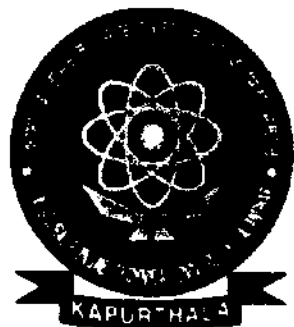
### "Design Challenges in Low Power VLSI Design"

It is certified that Mr./Mrs./Dr./Ms <sup>✓</sup> SAMREET KAUR GOSAL  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA has attended

the AICTE sponsored Two week Faculty Development Programme on "Design Challenges in Low Power VLSI Design"  
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,  
Ludhiana from 04th- 16th December 2017.

  
Coordinator/ Head of Department





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-032**

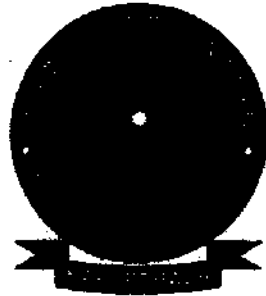
**Date:** 26/03/2018

This is certified that **Er. Gagandeep Kaur Gill D/o Mr. Surjit Singh** from **Guru Nanak Dev Engineering College, Ludhiana** attended the **five day Faculty Development Programme** on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

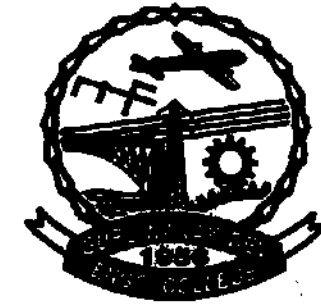
**Chief-Coordinator**  
**FDP, IKGPTU**

**Principal**  
**GNDEC, Ludhiana**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-033**

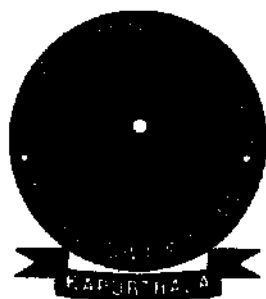
**Date:** 26/03/2018

This is certified that **Er. Goldendeep Kaur D/o Mr. Gurdarshan Singh** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

**Chief-Coordinator**  
**FDP, IKGPTU**

**Principal**  
**GNDEC, Ludhiana**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-028**

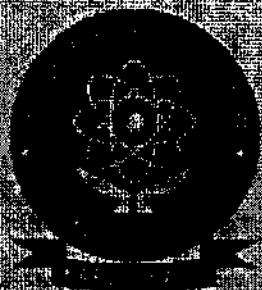
**Date: 26/03/2018**

This is certified that **Er. Hardeep Singh Kang S/o Mr. Harjap Singh Kang** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

**Chief-Coordinator**  
**FDP, IKGPTU**

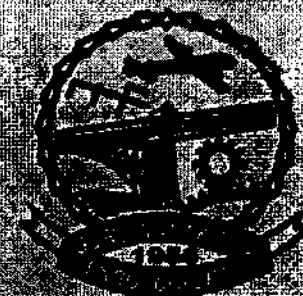
**Principal**  
**GNDEC, Ludhiana**





**L.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**

(2017-18)



**CERTIFICATE OF PARTICIPATION**

No. LKGP/DA-FDP/GNDEC-020

Date: 26/03/2018

It is certified that **Er. Kamaldeep Kaur** b/o **Mr. Daljeet Singh** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held in Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Mohali from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

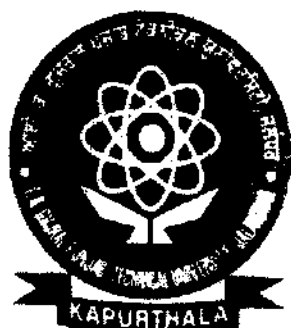
**Principal**

**GNDCE, Mohali**

**Principal**

**GNDCE, Mohali**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-024**

**Date:** 26/03/2018

This is certified that **Er. Manpreet Kaur Mand** D/o **Mr. Rawal Singh** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018** to **9<sup>th</sup> March, 2018**.

**Chief-Coordinator**  
**FDP, IKGPTU**

**Principal**  
**GNDEC, Ludhiana**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

No: IKGPTU/DA-FDP/GNDEC-050

Date: 26/03/2018

This is certified that **Er. Parminder Kaur Wadhwa** D/o **Mr. Balvinder Singh Wadhwa** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018** to **9<sup>th</sup> March, 2018**.

**Chief-Coordinator**  
**FDP, IKGPTU**

**Principal**  
**GNDEC, Ludhiana**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**

**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-029**

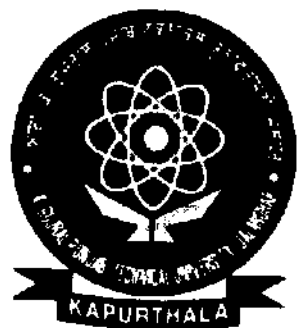
**Date:** 26/03/2018

This is certified that **Er. Shailja D/o Mr. Vijay Kumar** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

**Chief-Coordinator**  
**FDP, IKGPTU**

**Principal**  
**GNDEC, Ludhiana**





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



**CERTIFICATE OF PARTICIPATION**

**No: IKGPTU/DA-FDP/GNDEC-023**

**Date:** 26/03/2018

This is certified that **Er. Supreet Kaur D/o Mr. Balwinder Singh** from **Guru Nanak Dev Engineering College, Ludhiana** attended the five day Faculty Development Programme on the topic of **Recent Trends and Applications of Machine Learning** held at **Department of Computer Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana** from **5<sup>th</sup> March, 2018 to 9<sup>th</sup> March, 2018**.

*Er. Johal*

**Chief-Coordinator**  
**FDP, IKGPTU**

*Sekh*

**Principal**  
**GNDEC, Ludhiana**

*[Signature]*





# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



(Punjab Govt. Aided Status)

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved

Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Kulvinder Singh Mann, Professor of Guru Nanak Dev Engineering College, Ludhiana has attended One Week Short Term Course on **“Insights of Image Processing and their Recent Trends”** sponsored by Quality Improvement Programme (QIP), organised by Department of Information Technology from 07<sup>th</sup> March – 11<sup>th</sup> March, 2018.

  
Course Coordinator

  
Head of Department

  
QIP Coordinator





# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



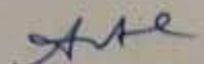
(Punjab Govt. Aided Status)


An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956


NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved

Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Kamaljit Kaur Dhillon, Assistant Professor of Guru Nanak Dev Engineering College, Ludhiana has attended One Week Short Term Course on **“Insights of Image Processing and their Recent Trends”** sponsored by Quality Improvement Programme (QIP), organised by Department of Information Technology from 07<sup>th</sup> March – 11<sup>th</sup> March, 2018.

  
Course Coordinator

  
Head of Department

  
QIP Coordinator





# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



(Punjab Govt. Aided Status)

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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved

Affiliated to I.K.G. Punjab Technical University, Jalandhar

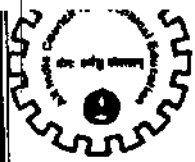
It is certified that Harjot Kaur Gill, Assistant Professor of Guru Nanak Dev Engineering College, Ludhiana has attended One Week Short Term Course on **“Insights of Image Processing and their Recent Trends”** sponsored by Quality Improvement Programme (QIP), organised by Department of Information Technology from 07<sup>th</sup> March – 11<sup>th</sup> March, 2018.

  
Course Coordinator

  
Head of Department

  
QIP Coordinator





**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**



(Punjab Govt. Aided Status)

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved

Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Priyanka Arora, Assistant Professor of Guru Nanak Dev Engineering College, Ludhiana has attended One Week Short Term Course on **“Insights of Image Processing and their Recent Trends”** sponsored by Quality Improvement Programme (QIP), organised by Department of Information Technology from 07<sup>th</sup> March – 11<sup>th</sup> March, 2018.

Course Coordinator

Head of Department

QIP Coordinator



27/3/2017



## GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



(Punjab Govt. Aided Status)

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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved

Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Kanwardeep Singh, Associate Professor of Guru Nanak Dev Engineering College, Ludhiana has attended One Week Short Term Course on **"Insights of Image Processing and their Recent Trends"** sponsored by Quality Improvement Programme (QIP), organised by Department of Information Technology from 07<sup>th</sup> March – 11<sup>th</sup> March, 2018.

  
Course Coordinator

  
Head of Department

  
QIP Coordinator





ICT - 547/18

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**PANKAJ BHAMBRI**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Strategic Management & SWOT Analysis for  
Institutional Excellence  
through ICT**

*conducted by*

**Media Centre**

*from*

**07.05.2018 to 11.05.2018 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director





ICT - 550/18

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**RUPINDER KAUR**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course  
on*

**Strategic Management & SWOT Analysis for  
Institutional Excellence  
through ICT**

*conducted by*

**Media Centre**

*from*

**07.05.2018 to 11.05.2018 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



*Rinats*  
Coordinator

*[Signature]*  
Director





ICT - 558/18

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**Dr. INDERJIT SINGH**

GURU NANAK DEV ENGINEERING COLLEGE,  
LUDHIANA (PUNJAB)

*Participated in AICTE recognized Short Term Course*

*on*

**Strategic Management & SWOT Analysis for  
Institutional Excellence  
through ICT**

*conducted by*

**Media Centre**

*from*

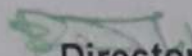
**07.05.2018 to 11.05.2018 (One Week)**

*at*

**Guru Nanak Dev Engineering College,  
Ludhiana (Punjab)**



  
Coordinator

  
Director



गुण अभिवृद्धि कार्यक्रम केन्द्र  
QUALITY IMPROVEMENT PROGRAMME CENTRE



भारतीय प्रौद्योगिकी संस्थान रुड़की  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
ROORKEE (UTTARAKHAND)

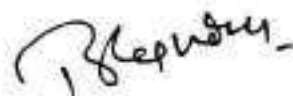
QIP/2017-18/11/294

This is to certify that.....Yuvraj Singh.....participated in  
AICTE sponsored QIP short term course on....."Recent Advances in Fracture and  
Fatigue"  
.....  
held from.....10.07.2017.....to.....14.07.2017 (One Week)  
organized by Department of.....Civil Engineering.....

  
(Dr. Sonalisa Ray)

  
(Dr. M.A. Iqbal)

Course Coordinator(s)

  
(Dr. Bhupendra K. Gandhi)  
Professor & Coordinator  
Quality Improvement Programme Centre





Department of Production Engineering,  
Guru Nanak Dev Engineering College,  
Ludhiana

Sr. No. \_\_\_\_\_



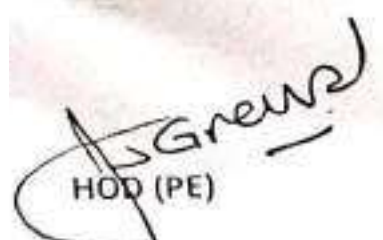
**AICTE SPONSORED TWO WEEK FACULTY DEVELOPMENT PROGRAMME  
CERTIFICATE OF PARTICIPATION**

This is to certify that Prof/Dr./Mr/Ms GAGANDEEP KAUR GREWAL  
From GNDEC, LUDHIANA participated in the course

**WASTE MANAGEMENT BY ADDITIVE MANUFACTURING**

December 11-23, 2017

  
Course Coordinator

  
HOD (PE)



Department of Production Engineering,  
Guru Nanak Dev Engineering College  
Ludhiana



Sr. No. 24

## AICTE SPONSORED FACULTY DEVELOPMENT PROGRAMME CERTIFICATE OF PARTICIPATION

This is to certify that Prof/Dr./Mr/Ms Gurbir Kaur Jawanda

from GNDEC, Ludhiana participated in the course

### Waste Management by Additive Manufacturing

December 11-23, 2017

HOD (PE)

Course Coordinator 23.12.2017





Department of Production Engineering,  
Guru Nanak Dev Engineering College,  
Ludhiana

Sr. No. 21



**AICTE SPONSORED TWO WEEK FACULTY DEVELOPMENT PROGRAMME  
CERTIFICATE OF PARTICIPATION**

This is to certify that ~~Prof~~/Dr./Mr/Ms Gurdeepak Singh  
From GNDEC, Ludhiana participated in the course

**WASTE MANAGEMENT BY ADDITIVE MANUFACTURING**

December 11-23, 2017

*[Signature]*  
HOD (PE)

*[Signature]*  
Course Coordinator



Department of Production Engineering,  
Guru Nanak Dev Engineering College,  
Ludhiana

Sr. No. ....



**AICTE SPONSORED TWO WEEK FACULTY DEVELOPMENT PROGRAMME  
CERTIFICATE OF PARTICIPATION**

This is to certify that Prof/Dr./Mr/Ms Dr. Grewal

From Department of Production Engineering participated in the course

**WASTE MANAGEMENT BY ADDITIVE MANUFACTURING**

December 11-23, 2017

Course Coordinator

Dr. Grewal  
HOD (PE)





Department of Production Engineering,  
Guru Nanak Dev Engineering College,  
Ludhiana



AICTE SPONSORED TWO WEEK FACULTY DEVELOPMENT PROGRAMME  
CERTIFICATE OF PARTICIPATION

This is to certify that Prof/Dr./Mr/Ms CHARNJEEET SINGH  
From GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA participated in the course

WASTE MANAGEMENT BY ADDITIVE MANUFACTURING

December 11-23, 2017

HOD (PE)

Course Coordinator



I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY  
Faculty Development Programme  
(2017-18)



## Certificate of Participation

No: IKGPTU/DA-FDP/GIMET- 135

Date: 27/12/2017

This is certified that Dr./ Prof. / Mr. / Ms. / Mrs.....Prince Karandeep Singh.....  
S/o D/o.....Kulbir Singh.....from.....GIMET Amritsar.....  
attended the 05 Day Faculty Development Programme on the topic of "Earthquake Resistant  
Buildings" held at Global Institute of Management and Emerging Technologies, Amritsar from  
20<sup>th</sup> December 2017 to 27<sup>th</sup> December 2017.

Chief-Coordinator, FDP, IKGPTU

Director/Principal of Host Institute

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Scanned by CamScanner





**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Faculty Development Programme**  
**(2017-18)**



## Certificate of Participation

No: IKGPTU/DA-FDP/GIMET- 130

Date: 27/12/2017

This is certified that Dr./ Prof. / Mr. / Ms. / Mrs.....Simsonjit Singh.....  
S/o D/o.....Lokhwindes Singh.....from.....GIMET, Amritsar.....  
attended the 05 Day Faculty Development Programme on the topic of "Earthquake Resistant  
Buildings" held at Global Institute of Management and Emerging Technologies, Amritsar from  
20<sup>th</sup> December 2017 to 27<sup>th</sup> December 2017.

Chief-Coordinator, FDP, IKGPTU

Director/Principal of Host Institute





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

(Punjab Govt. Aided Status)

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Narwant Singh Grewal of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.



Dr. K.S. Mann

(Coordinator)

5



Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



(Punjab Govt. Aided Status)

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Gurjet Kaur Walia of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

Dr. K.S. Mann

(Coordinator)

Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



(Punjab Govt. Aided Status)

**An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956**

**NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar**

It is certified that Jasmeet Kaur of GANDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
Dr. K.S. Mann

(Coordinator)

43  
  
Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



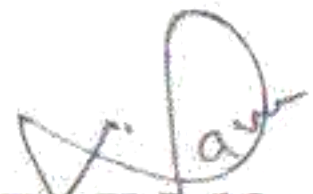
(Punjab Govt. Aided Status)


An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Naazia Makkar of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

1956  
56

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



(Punjab Govt. Aided Status)

**An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956**

**NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar**

It is certified that Dr. Manpreet Singh of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



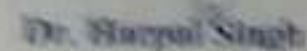
(Punjab Govt. Aided Status)

**An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956**

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Dr. Kiran Tyagi of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
Dr. K.S. Mann  
(Coordinator)

  
Dr. Harpal Singh  
(Principal)



# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Jagdeep Singh of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



(Punjab Govt. Aided Status)

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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Rupinder Kaur of GANDEE LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

Dr. K.S. Mann  
(Coordinator)

Dr. Harpal Singh  
(Principal)



# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



(Punjab Govt. Aided Status)

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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Sidharath Jain of GND Engineering College, LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
Dr. K.S. Mann

(Coordinator)

  
Dr. Harpal Singh  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)




(Punjab Govt. Aided Status)

An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Sachin Bagga of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Dr. Harpreet Kaur Grewal of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.



Dr. K.S. Mann

(Coordinator)



Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)



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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Ramdhin Singh of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

Dr. K.S. Mann

(Coordinator)

Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

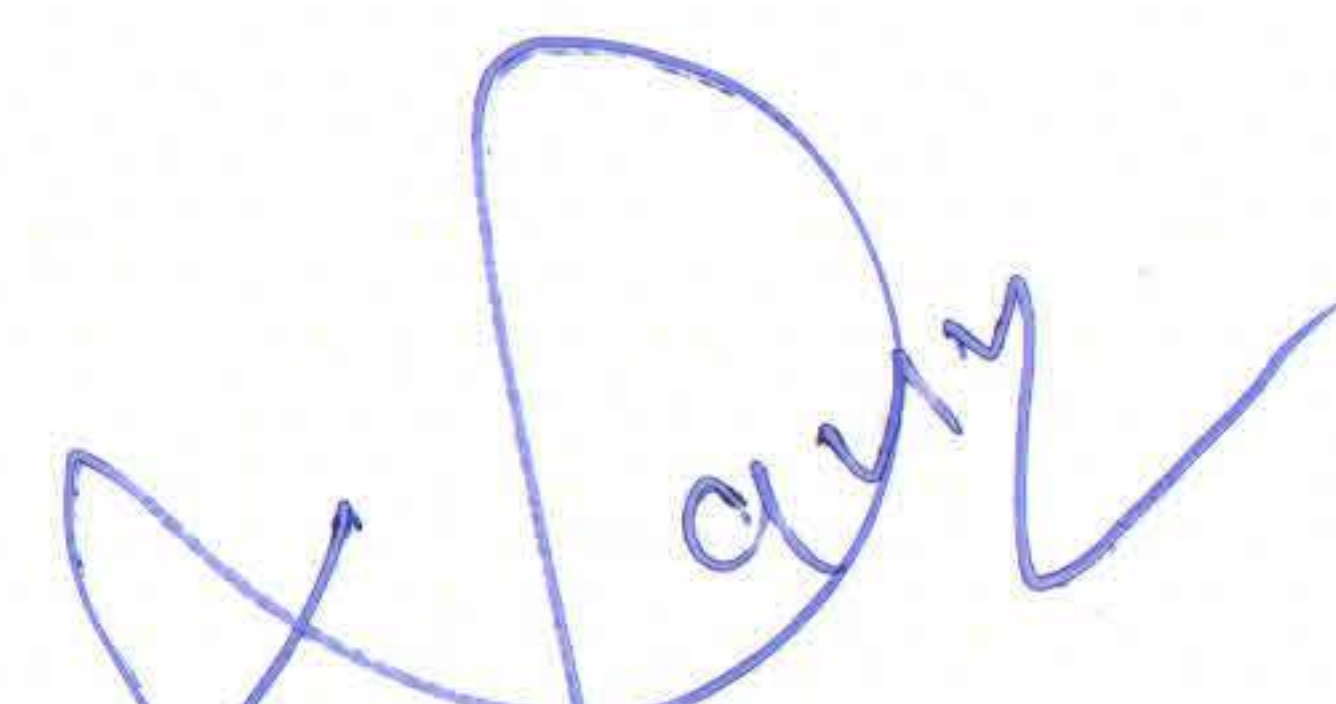



(Punjab Govt. Aided Status)

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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Dr. Balwinder Singh Dhalwal of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

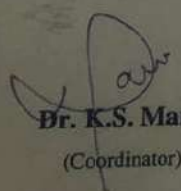
(Punjab Govt. Aided Status)




An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Summit Kaur Sukra of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
Dr. K.S. Mann

(Coordinator)

  
Dr. Harpal Singh

(Principal)



# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

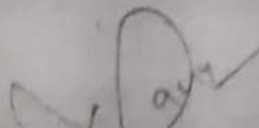


(Punjab Govt. Aided Status)


An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956

NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Daljeet Singh of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
Dr. K.S. Mann

(Coordinator)

  
Dr. Harpal Singh

(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

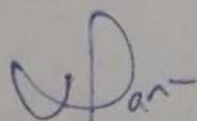



(Punjab Govt. Aided Status)

**An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956**

**NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar**

It is certified that Dr. Inderjit Singh Dhanoo of GINDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)



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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Mohanjit Kaur of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, (LUDHIANA)

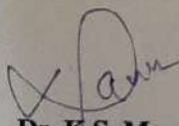



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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

It is certified that Tasbir Singh Saini of GNDEC LUDHIANA  
has attended Two Weeks AICTE Sponsored Faculty Development Programme on  
“Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics”  
Organized by Department of Information Technology from 23<sup>rd</sup> Oct. to 03<sup>rd</sup> Nov. 2017.

  
**Dr. K.S. Mann**  
(Coordinator)

  
**Dr. Harpal Singh**  
(Principal)





# GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



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NAAC (A Grade), IEI Accredited U.G. Programmes, AICTE Approved  
Affiliated to I.K.G. Punjab Technical University, Jalandhar

## CERTIFICATE OF PARTICIPATION

It is certified that RAVINDER KAUR of EED, GNDEC, LUDHIANA  
has attended one week QIP Sponsored Short Term Course on  
"Emerging Technologies and Advancements in Energy Sector"  
organized by Department of Electrical Engineering from 27<sup>th</sup> Nov. 2017 to 01<sup>st</sup> Dec. 2017.

  
COURSE COORDINATOR

  
HOD (EE)

  
PRINCIPAL



## **CRITERIA 6.3.4**

***E-copies of certificates  
for Year***

**2018-2019**





भारतीय प्रौद्योगिकी संस्थान गुवाहाटी  
INDIAN INSTITUTE OF TECHNOLOGY  
GUWAHATI

This is to certify that

Charnjeet Singh

participated in the

Pedagogy Workshop on Effective Teaching

conducted by Department of Computer Science and Engineering, IIT Guwahati

under the Technical Education Quality Improvement Programme (TEQIP) sponsored

by the Ministry of Human Resource Development, Government of India,

held from 3<sup>rd</sup> to 7<sup>th</sup> June 2019

**TEQIP**

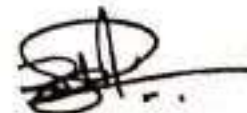
NATIONAL WORKSHOP

Organized by

Centre for Educational Technology (CET)

IIT Guwahati

  
7/6/19  
Workshop Coordinator

  
Coordinator, Knowledge Incubation for TEQIP  
Head, CET





भारतीय प्रौद्योगिकी संस्थान गुवाहाटी  
INDIAN INSTITUTE OF TECHNOLOGY  
GUWAHATI

This is to certify that


Kiran Jyoti


participated in the

Pedagogy Workshop on Effective Teaching

conducted by Department of Computer Science and Engineering, IIT Guwahati  
under the Technical Education Quality Improvement Programme (TEQIP) sponsored  
by the Ministry of Human Resource Development, Government of India,  
held from 3<sup>rd</sup> to 7<sup>th</sup> June 2019

**TEQIP**  
NATIONAL WORKSHOP  
Organized by  
Centre for Educational Technology (CET)  
IIT Guwahati

  
Workshop Coordinator

  
Coordinator, Knowledge Incubation for TEQIP  
Head, CET





भारतीय प्रौद्योगिकी संस्थान गुवाहाटी  
**INDIAN INSTITUTE OF TECHNOLOGY  
GUWAHATI**

This is to certify that

**Navneet Kaur**

participated in the

**Pedagogy Workshop on Effective Teaching**

conducted by Department of Computer Science and Engineering, IIT Guwahati

under the Technical Education Quality Improvement Programme (TEQIP) sponsored

by the Ministry of Human Resource Development, Government of India,

held from 3<sup>rd</sup> to 7<sup>th</sup> June 2019

**TEQIP**


NATIONAL WORKSHOP

Organized by

Centre for Educational Technology (CET)

IIT Guwahati

  
7/6/19  
Workshop Coordinator

  
Coordinator, Knowledge Incubation for TEQIP  
Head, CET

20





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

**Department of Electronics and Communication Engineering**




No. 528-FDP/ECET/19

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Narwant Singh Grewal from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator

4



No. GND/EDD/EC/E/20



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956



**Department of Electronics and Communication Engineering**

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Chahat Jain from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator



No. 811-EE/EE/15



**Guru Nanak Dev Engineering College, Ludhiana**  
AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956




Department of Electronics and Communication Engineering

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Daljit Singh from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator

30





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

No. D.F. 800/EE/12





**Department of Electronics and Communication Engineering**

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Tarandeep Singh from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

Department of Electronics and Communication Engineering



No. GNM.P.A./ECE/3

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Preeti Pannu from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator

30





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

**Department of Electronics and Communication Engineering**

No. DIP-FDP/ECE/19



**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. **Amandeep Kaur Sohal** from **GNDEC, Ludhiana**, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator



No. QIP-FOP/ECE/45



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956




**Department of Electronics and Communication Engineering**

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Manjot Kaur Gill from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

Department of Electronics and Communication Engineering



No. 211-F12/E/S

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Balwinder Singh Dhaliwal from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

**Department of Electronics and Communication Engineering**

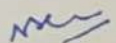



No. DIP-FDP/ECE/39


**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Kuldeepak Singh from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

No. DIP-FDP/ECE/52





**Department of Electronics and Communication Engineering**

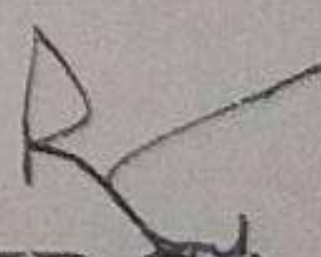
**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Munish Rattan from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator





**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

**Department of Electronics and Communication Engineering**



No. P-TAP/ECE/2

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Baljeet Kaur from GNDDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator



No. P-EEET/19



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

Department of Electronics and Communication Engineering



**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Gurpreet Kaur from GNDEC, Ludhiana, participated in the five (5) days short term course on "Machine Learning Applications in Engineering" from February 04-08, 2019.*

  
Course Coordinator

  
Head of Deptt.

  
QIP Coordinator

No. ME/QIP/24



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956



**Department of Mechanical Engineering**

**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Parminder Kaur Wadhwa from GNDEC, Ludhiana, participated in the five (5) days short term course on "Decision Making Strategies in Industrial Environment" from December 04-08, 2018.*

Course Coordinator

Faculty Coordinator & Head of Deptt.

QIP Coordinator







**Guru Nanak Dev Engineering College, Ludhiana**  
AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

No. ME/QIP/22




**Department of Mechanical Engineering**


**QIP short term course**

**Certificate of Participation**

*This is to certify that Prof./Dr./Er./Mr./Ms. Sukhdev Singh from GNDEC, Ludhiana participated in the five (5) days short term course on "Decision Making Strategies in Industrial Environment" from December 04-08, 2018.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA



## Certificate of Participation

This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. HARMINDER KAUR  
of GYNDEC, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./Mr./Dr. HARSIMRANJIT SINGH GILL  
of GNOEC, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
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Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

Principal



41

# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

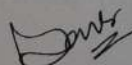
## Certificate of Participation




This certificate is awarded to Ms./Mr./Dr. KARAN BHALLA

of GYNDEC, LUDHIANA for participating in

*TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.*

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./<sup>✓</sup>Mr./Dr. Daljit Singh  
of GNDEC, Ludhiana for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
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Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal

# Guru Nanak Dev Engineering College

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Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. PARVEEN KAUR  
of GYNDEC, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

Program Co-ordinator

TEQIP-III Co-ordinator

Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./Mr./Dr. Kuldeep Kaur  
of GND EC, LUDHIANA for participating in  
*TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.*

Program Co-ordinator

TEQIP-III Co-ordinator

  
Principal

# Guru Nanak Dev Engineering College

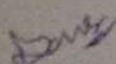
(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)


Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA



## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. Simranjit Kaur  
of GNDEC, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

Principal



# Guru Nanak Dev Engineering College

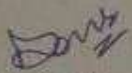
(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA


## Certificate of Participation



This certificate is awarded to Ms./Mr./Dr. Kirandeep Kaur  
of GNDDEC, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal

# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./Mr./Dr. Arshdeep Kaur  
of GNDEC, Ludhiana for participating in  
*TEQIP-III sponsored one week Faculty Development Programme on "Enabling Technologies for  
Wireless & Optical Networks" from June 10, 2019 to June 15, 2019 organised by Department of  
Electronics & Communication Engg., Guru Nanak Dev Engg. College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.*

Program Co-ordinator

TEQIP-III Co-ordinator

Principal



Scanned with CamScanner



Auribises is proud to award  
certificate of completion  
to

**Prof. Harpreet Kaur**

for successfully completing training titled

**Programming with Python**

for session

12th June 2019 to 26th June 2019

given under our hand and seal on  
this, the 26th day of June 2019 at Ludhiana, India

JAS-ANZ



An ISO 9001-2015 Company

Director



Auribises is proud to award  
certificate of completion  
to

**Prof. Mohanjit Kaur Kang**

for successfully completing training titled

**Programming with Python**

for session

12th June 2019 to 26th June 2019

given under our hand and seal on  
this, the 26th day of June 2019 at Ludhiana, India

IAS-PAZ



An ISO 9001:2015 Company



Director

Registration No: AUR 20190612 G13





1988/89

**National Institute of  
Tropical Teachers Training and Research  
Dudhgaon**

INSTITUTE OF TROPICAL TEACHERS TRAINING AND RESEARCH, DUDHGAON, DISTRICT OF BIRBHAR

**Certificate**  
**This is to certify that**

**Manvinder Kleru**

*From Nand Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course*

**On**

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department*

*from*

**13.12.2008 to 21.12.2008**

*for 9 wk*

**at**

**Guru Nanak Dev Engineering, Ludhiana**



*[Signature]*  
Coordinator

*[Signature]*  
Head of Department

*[Signature]*  
Director



CS-2018

**National Institute of  
Technical Teachers' Training and Research  
(NITTTR)**

**MINISTRY OF SKILLS DEVELOPMENT AND TRAINING, GOVERNMENT OF INDIA**

**Certificate  
Given to certify that**

**Sandeep Kaar**

**Guru Nanak Dev Engineering College, Ludhiana**

**Participated in NITTTR organized Short Term Course  
On**

**CERTIFICATE LEVEL AND TECHNIQUES**

**Conducted by Civil Engineering Department**

**from**

**11.12.2018 to 21.12.2018**

**at**

**Guru Nanak Dev Engineering, Ludhiana**



**Principal**

**Head of Department**

**Director**



# **Conclusion**

Students are advised to submit their assignments on time.

## **Certificate**

This is to certify that

**Inderpreet Kaur**

Guru Nanak Dev Engineering College, Ludhiana

has completed an AICTE recognized short term course

in

**GREEN BUILDING AND TECHNIQUES**

Conducted by Civil Engineering Department

from

**15.12.2018 to 21.12.2018**

(6 weeks)

at

**Guru Nanak Dev Engineering, Ludhiana**



  
Coordinator

  
Head of Department

  
Registrar



3181/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Sukhwinder Singh**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



Coordinator

Head of Department

Director





3186/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**  
*This is to certify that*

**Ajitpal Singh**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**  
*One Week*  
**at**

**Guru Nanak Dev Engineering, Ludhiana**



*[Signature]*  
**Coordinator**

*[Signature]*  
**Head of Department**

*[Signature]*  
**Director**



3156179

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Gagandeep Kaur Grewal**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**

*Over Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



*[Signature]*  
**Coordinator**

*[Signature]*  
**Head of Department**

*[Signature]*  
**Director**





3162/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Rajvir Kaur**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**  
*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



*[Signature]*  
**Coordinator**

*[Signature]*  
**Head of Department**

*[Signature]*  
**Director**

## राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान, चण्डीगढ़

मानव संसाधन विकास मंत्रालय, भारत सरकार

**प्रमाण पत्र**  
प्रमाणित किया जाता है कि

**भूपिंदर सिंह वालिया**

गुरु नानक देव इंजीनियरिंग कॉलेज, लुधियाना

ने संस्थान के सिविल अभियांत्रिकी विभाग / केंद्र द्वारा

**ग्रीन बिल्डिंग और तकनीक**

विषय पर

दिनांक 17.12.2018 से 21.12.2018 तक  
(एक सप्ताह)

गुरु नानक देव इंजीनियरिंग कॉलेज, लुधियाना में आयोजित एआईसीटीई द्वारा मान्यता  
प्राप्त अल्पकालीन प्रशिक्षण कार्यक्रम में भाग लिया है।



*सिंह*  
समन्वयक

*सं. शर्मा*  
विभागाध्यक्ष

*श्याम सुन्दर*  
निदेशक





3167/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Gurbir Kaur Jawanda**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course*

*On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department*

*from*

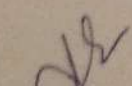
**17.12.2018 to 21.12.2018**

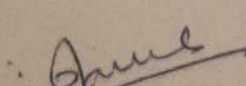
*One Week*

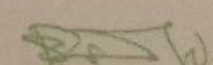
*at*

**Guru Nanak Dev Engineering, Ludhiana**



  
Coordinator

  
Head of Department

  
Director



3158/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Harpal Singh**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course*

*On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department*

*from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



  
Coordinator

  
Head of Department

  
Director



**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Sukhwinderpal Singh**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course*

*On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department*

*from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



  
**Coordinator**

  
**Head of Department**

  
**Director**



3180/19

# National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

## Certificate

*This is to certify that*

**Harmeet Singh Gill**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



  
Coordinator

  
Head of Department

  
Director



**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Nayneet Singh Bhangu**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course  
On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department  
from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



  
**Coordinator**

  
**Head of Department**

  
**Director**



3175/19

**National Institute of  
Technical Teachers Training and Research  
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Rupinderjit Singh**

*Guru Nanak Dev Engineering College, Ludhiana*

*Participated in AICTE recognized Short Term Course*

*On*

**GREEN BUILDING AND TECHNIQUES**

*Conducted by Civil Engineering Department*

*from*

**17.12.2018 to 21.12.2018**

*One Week*

*at*

**Guru Nanak Dev Engineering, Ludhiana**



*OK*  
Coordinator

*Gauri*  
Head of Department

*[Signature]*  
Director





## *Certificate of Participation*

This is to certify that

**Sandeep Kumar Singla** of

**Guru Nanak Dev Engineering College, Ludhiana**

has participated in the **6 Days Faculty Enablement Program on**

**“LEX based Foundation Program”** held online using webinar platform from

**18<sup>th</sup> January to 25<sup>th</sup> January 2019** conducted by **Infosys Limited**

A handwritten signature in black ink, appearing to read 'Thirumala'.

**Thirumala Arohi**

Vice President & Head - Education, Training & Assessment,  
Infosys Limited

A handwritten signature in black ink, appearing to read 'Sundar KS'.

**Sundar KS**

Associate Vice President, & Head – Campus Connect,  
Education, Training & Assessment, Infosys Limited

संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान  
**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(भारत सरकार, मा. स. वि. म. के अधीन, सम विश्वविद्यालय)

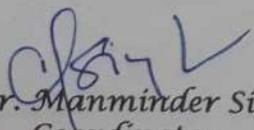
(Deemed-to-be-University under MHRD, Government of India)

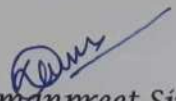
लौंगोवाल - १४८१०६, संगरूर (पंजाब) भारत  
Longowal -148106, Sangrur (Punjab) India

Short Term Training Program  
on  
'Emerging Trends in Computing and Networking'  
(ETCN - 2018)

**CERTIFICATE OF PARTICIPATION**

This is to certify that Dr. Inderjit Singh, AP (CSE) of GNDEC Ludhiana participated in TEQIP-III sponsored One Week Short Term Training Program on "Emerging Trends in Computing and Networking" organized by Department of Computer Science and Engineering, SLIET, Longowal during December 18 - 22, 2018.

  
Mr. Manminder Singh  
Coordinator

  
Dr. Damjanpreet Singh  
Coordinator

  
Dr. Major Singh Goraya  
Chairman



**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**

This certificate is awarded to

PRITPAL KAUR (GNDEC, LDH)

who participated as 5-day QIP sponsored Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organized by the Department of Civil Engineering  
From 19 - 23 February, 2018.

*Faculty Coordinator*

*Head of Department*

*Principal*

**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**

This certificate is awarded to

SUKHWINDER SINGH (GNDEC, LDH)

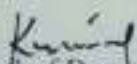
who participated in 5-day QIP sponsored Short Term Training Programme on

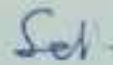
**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering

from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal



**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**

This certificate is awarded to

GURDEEPAK SINGH (GNDEC, LDH)

who participated in 5-day QIP sponsored Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering  
from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal

**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**

This certificate is awarded to

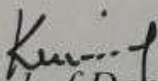
AMANDEEP SINGH (GNDEC, LDH)

who had delivered an expert lecture during the 5-day QIP sponsored  
Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering  
from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal



**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

***Certificate of Participation***

This certificate is awarded to

BHUPINDER SINGH (GNDEC, LDH)

who participated in 5-day QIP sponsored Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering  
from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal

**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**


This certificate is awarded to

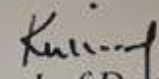
MANDEEP KAUR (GNDEC, LDH)

who participated in 5-day QIP sponsored Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering  
from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal



**Guru Nanak Dev Engineering College, Ludhiana**  
(An Autonomous College under UGC Act)

**Certificate of Participation**

This certificate is awarded to

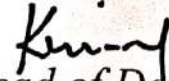
YUVRAJ SINGH (GNDEC, LDH)


who participated in 5-day QIP sponsored Short Term Training Programme on

**Analysis and Design of RC Building :  
Concepts and Practice**

organised by the Department of Civil Engineering  
from 19 - 23 February, 2019.

  
Faculty Coordinator

  
Head of Department

  
Principal





# Engineering Staff College of India



Autonomous Organ of The Institution of Engineers (India)  
(ISO 9001 : 2015 Certified, AICTE & CEA Recognized Institution)

*This Certificate is Awarded  
To*

**PRABHJOT SINGH**

Guru Nanak Dev Engineering College, Ludhiana, Punjab.

*for  
Participation in the*

*Continuing Professional Development Programme on*  
**Application of Total Station and DGPS for  
Projects including Field Practices**

**24 - 28 June 2019, Hyderabad**





IIM KASHIPUR

भारतीय प्रबंध संस्थान काशीपुर  
INDIAN INSTITUTE OF MANAGEMENT KASHIPUR

*This is to certify that*

**Dr. Pankaj Bhambri**

has participated in the

**Professional Development Training (PDT) under TEQIP-III**

held during June 24-28, 2019

**Dr. Ashish Kumar**

Programme Director

**Dr. Kunal**

Programme Director

# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./<sup>✓</sup>Mr./Dr. GURJIVAN SINGH  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA for participating in  
**TEQIP-III sponsored** one week Faculty Development Programme on "**Data Analytics- Trends  
and Applications**" from June 24, 2019 to June 29, 2019 organised by Department of Computer  
Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering and Technology, Pragati Nagar, Shimla.

  
Coordinator

  
Chairman

  
TEQIP-III Coordinator

  
Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA



## Certificate of Participation

This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. JASDEEP KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA for participating in  
*TEQIP-III sponsored one week Faculty Development Programme on "Data Analytics- Trends  
and Applications" from June 24, 2019 to June 29, 2019 organised by Department of Computer  
Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering and Technology, Pragati Nagar, Shimla.*

  
Coordinator

  
Chairman

  
TEQIP-III Coordinator

  
Principal

# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. MANPREET KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Data Analytics- Trends  
and Applications" from June 24, 2019 to June 29, 2019 organised by Department of Computer  
Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering and Technology, Pragati Nagar, Shimla.

*Signature*

*Signature*

*Signature*

*Signature*



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./Mr./Dr. PRABHJOT KAUR  
of GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA for participating in  
TEQIP-III sponsored one week Faculty Development Programme on "Data Analytics- Trends  
and Applications" from June 24, 2019 to June 29, 2019 organised by Department of Computer  
Science and Engineering, Guru Nanak Dev Engineering College, Ludhiana in twinning with  
Atal Bihari Vajpayee Government Institute of Engineering and Technology, Pragati Nagar, Shimla.

  
Coordinator

  
Chairman

  
TEQIP-III Coordinator

  
Principal

# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation



This certificate is awarded to Ms./<sup>✓</sup>Mr./Dr. Sahibdeep Singh Setia  
of Guru Nanak Dev Engineering College, Ludhiana for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIT, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal





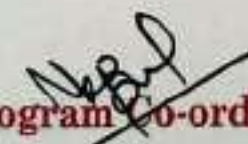
# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. Yadvir Kaur  
of Guru Nanak Dev Engineering College, Ludhiana. for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIET, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. Harit Kaur  
of Guru Nanak Dev Engineering College, Ludhiana for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
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TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal





# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. Harpreet Kaur  
of Guru Nanak Dev Engineering College, Ludhiana. for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
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Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal



# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)


Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to <sup>✓</sup>Ms./Mr./Dr. Ravinder Kaur  
of Guru Nanak Dev Engineering College, Ludhiana. for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIET, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal





# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. ✓ AMANJOT KAUR GILL  
of DEPARTMENT OF BUSINESS ADMINISTRATION for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIT, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal



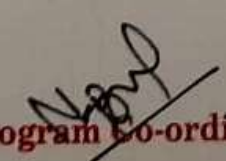
# Guru Nanak Dev Engineering College

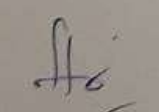
(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)


Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. Amarpreet Kaur  
of Guru Nanak Dev Engg. College, Ludhiana for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIET, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal





# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

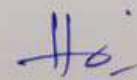
## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. Harimohan Singh Dhall  
of Guru Nanak Dev Engg. College, Ludhiana for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
**Comprehensive Progress**" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIET, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

POCO

SHOT ON POCO F1

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal




# Guru Nanak Dev Engineering College

(An Autonomous College u/s 2(f) & 12(B) of UGC Act - 1956)

Gill Park, Gill Road, Ludhiana-141006 (Punjab) INDIA

## Certificate of Participation

This certificate is awarded to Ms./Mr./Dr. Panampal Singh  
of Guru Nanak Dev Engg. College, Ludhiana. for participating in Faculty  
Development Programme on "Pedagogical Tools and Techniques - Effective Teaching &  
Comprehensive Progress" from May 27, 2019 to June 1, 2019 organised by Guru Nanak Dev Engg.  
College, Ludhiana in twinning arrangement with ABVGIET, Pragati Nagar, Shimla, under  
TEQIP-III (Sub Component 1.3) a World Bank Aided Project through MHRD, Govt. of India.

  
Program Co-ordinator

  
TEQIP-III Co-ordinator

  
Principal





# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006, Punjab, India.

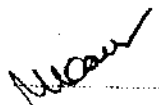


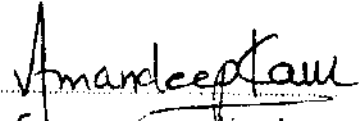
Department of Computer Science & Engineering

## QIP SHORT TERM COURSE


*Certificate of Participation*

This is to certify that Mr. Harpreet Singh from WIEE, WIEE  
participated in the Quality Improvement Programme (QIP) Short Term  
Course on "Recent Trends In Networks, Communications & Security" from  
28<sup>th</sup> January to 1<sup>st</sup> February, 2019.

  
Course Co-Coordinator

  
Course Coordinator

  
Head of Department

  
QIP Coordinator

Ref. No. GNDEC/EE/QIP/2018-19/07



**Guru Nanak Dev Engineering College, Ludhiana**

AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

**Department of Electrical Engineering**

**QIP Sponsored Faculty Development Programme**

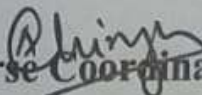
**Certificate of Participation**

This is to certify that DR. KANWARDEEP SINGH


From GNDEC, Ludhiana participated in the one week QIP sponsored

Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from

January 29<sup>th</sup> to February 2<sup>nd</sup>, 2019

  
Course Coordinator

  
Head of Department

  
QIP Coordinator





## Guru Nanak Dev Engineering College, Ludhiana

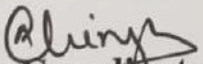
AN AUTONOMOUS COLLEGE u/s [2(f) & 12(B)] OF UGC ACT-1956

### Department of Electrical Engineering


### QIP Sponsored Faculty Development Programme

### Certificate of Participation

This is to certify that ER. RAVINDER KAUR  
From GNDEC, Ludhiana participated in the one week QIP sponsored  
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from  
January 29<sup>th</sup> to February 2<sup>nd</sup>, 2019

  
Course Coordinator

  
Head of Department

  
QIP Coordinator



# **Guru Nanak Dev Engineering College**

**AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956**

Gill Road, Ludhiana - 141006 (Pb.) INDIA

**Department of Information Technology**

**QIP SHORT TERM COURSE**



*Certificate of Participation*

*This is to certify that Er. Sidharth Jain from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator





No. IT/QIP/Jan.2019/15

# **Guru Nanak Dev Engineering College**

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

**Department of Information Technology**

**QIP SHORT TERM COURSE**

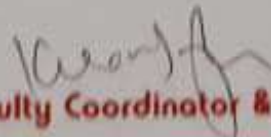


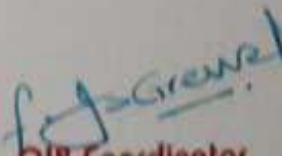
## *Certificate of Participation*

*This is to certify that Dr. Kamaljit Kaur from GNDEC, Ludhiana*

*participated in the Short Term Course on "AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018 to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator

No.IT/QIP/Jan.2019/01



# **Guru Nanak Dev Engineering College**

**AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956**

Gill Road, Ludhiana - 141006 (Pb.) INDIA

**Department of Information Technology**

**QIP SHORT TERM COURSE**



## *Certificate of Participation*

*This is to certify that Dr. Amit Kamra from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator





# **Guru Nanak Dev Engineering College**

**AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956**

Gill Road, Ludhiana - 141006 (Pb.) INDIA


**Department of Information Technology**

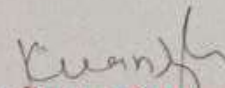
**QIP SHORT TERM COURSE**

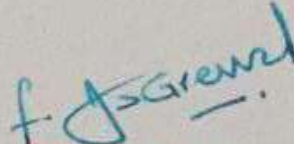


## *Certificate of Participation*

*This is to certify that Dr. K. S. Mann from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator





# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

Department of Information Technology

**QIP SHORT TERM COURSE**



## Certificate of Participation

*This is to certify that Er. Harjot Kaur Gill from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator



No. IT/QIP/Jan.2019/06



# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

Department of Information Technology

**QIP SHORT TERM COURSE**



## Certificate of Participation

*This is to certify that Er. Gurjit Kaur from GNDEC, Ludhiana*

*participated in the Short Term Course on "AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018 to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator



# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

Department of Information Technology

QIP SHORT TERM COURSE



## Certificate of Participation

This is to certify that Er. Yadvir Kaur from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.

Course Coordinator

Faculty Coordinator & Head of Dept.

QIP Coordinator



No. IT/QIP/Jan.2019/26



# **Guru Nanak Dev Engineering College**

**AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956**

Gill Road, Ludhiana - 141006 (Pb.) INDIA

**Department of Information Technology**

**QIP SHORT TERM COURSE**



## *Certificate of Participation*

*This is to certify that Er. Prabhjot Kaur from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator

No. IT/QIP/Jan.2019/29



## **Guru Nanak Dev Engineering College**

**AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956**

Gill Road, Ludhiana - 141006 (Pb.) INDIA

**Department of Information Technology**

**QIP SHORT TERM COURSE**



### *Certificate of Participation*

*This is to certify that Er. Rupinder Kaur from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator



No. IT/QIP/Jan.2019/30



# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

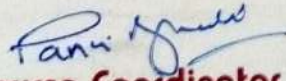
Department of Information Technology

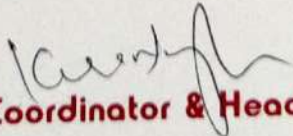
**QIP SHORT TERM COURSE**



## Certificate of Participation

*This is to certify that Er. Sachin Bagga from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.*

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator





# Guru Nanak Dev Engineering College

AN AUTONOMOUS COLLEGE u/s 2(f) & 12(B) OF UGC ACT 1956

Gill Road, Ludhiana - 141006 (Pb.) INDIA

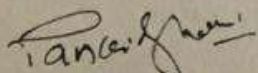
Department of Information Technology

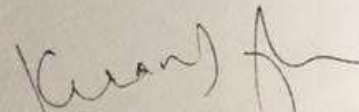
QIP SHORT TERM COURSE

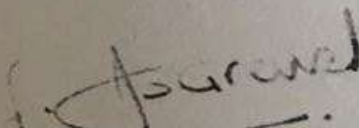


## Certificate of Participation

This is to certify that Er. Dinesh Anand from GNDEC, Ludhiana  
participated in the Short Term Course on "AI, Big Data and HPC Aligned  
Applications - A Modern Approach of Computing" from 31<sup>st</sup> December 2018  
to 04<sup>th</sup> January 2019.

  
Course Coordinator

  
Faculty Coordinator & Head of Dept.

  
QIP Coordinator