

YEAR 2014-2015

Prog. No. 1

Title : Recent Computing Paradigms

Date : 07/07/2014 - 11/07/2014

Activity Report on TEQIP-II sponsored Faculty Development Program on "Recent Computing Paradigm" from 7th -11th July, 2014 Organised by Department of Computer Science & Engineering.

Department of Computer Science & Engineering, Guru Nanak Dev Engineering College (GNDEC) Ludhiana organised one week Faculty Development Program (FDP) on "Recent Computing Paradigm" from 7th - 11th July, 2014 at GNDEC Ludhiana. The FDP was sponsored under TEQIP-II scheme of Government of India. Dr. Brijendra Pateriya, Director, Remote Sensing Centre, Ludhiana, Punjab was the Chief Guest during the inaugural function

The experts from industry and academia delivered expert talks on various recent emerging areas starting from Distributed Computing, Cloud Computing, Migration of application to Clouds, Big Data, Text Analytics in Industry and Security in Cloud Environment etc. The organisers got overwhelming response for the programme. The participants from different parts of the state attended this faculty development program. The feedback from the participants was very promising and positive. The participants requested the department to plan more similar Faculty Development Programme in future on recent trends in Big Data, Cloud Computing and Cyber Security.

Er. Sukhjot Singh Sehra, Co- Coordinator extended warm welcome to all guests and delegates. Dr. Parminder Singh, Associate Professor and Head Computer Science & Engineering Department said that such programmes are need of hour for professional growth of individuals. Er Vivek Thapar, Co-Coordinator, Assistant Professor, Computer Science & Engineering Department proposed the vote of thanks.


(Dr. Parminder Singh)
(Coordinator)

Head,
Deptt. of Computer Science & Engineering
Guru Nanak Dev Engineering College,
Gill Road, Ludhiana-141006 (Pb.)



 **TEQIP-II SPONSORED**
FACULTY DEVELOPMENT PROGRAMME
ON
RECENT COMPUTING PARADIGMS
(7th-11th JULY, 2014)
*** **WELCOME** ***
Department Of Computer Science & Engineering
GURUKUL KANGRI ENGINEERING COLLEGE
A NAAC Accredited College Under UGC Act-1956 [2(f) And 12(B)]
Main Road, Ludhiana, Punjab-141006







Guru Nanak Dev Engineering College, Ludhiana

(Punjab Govt. Aided Status)

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

AICTE Approved, NBA Accredited

TEQIP-II Sponsored
Faculty Development Programme
on



RECENT COMPUTING PARADIGMS

It is certified that **Er. Jagjit 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 **7th - 11th July, 2014**.

Er. Sukhjit Singh Sehra
(Co-Coordinator)

Er. Vivek Thapar
(Co-Coordinator)

Dr. Parminder Singh
(Coordinator)

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

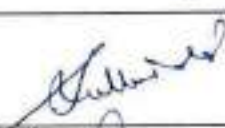
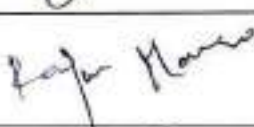
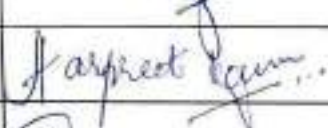
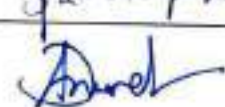
Dr. M. S. Saini
(Patron)

Faculty Development Programme
on
"Recent Computing Paradigms"

Date: 07/01/2014

Attendance Sheet

Session: 1.1

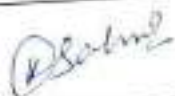
S. No.	Name	Institute	Signature
1	Er. Sukhwinder Bir	Beant College of Engineering & Technology, Gurdaspur	
2	Er. Sunny Behal	Shaheed Bhagat Singh State Technical Campus, Ferozepur	
3	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
4	Mr. Rajan Manro	Desh Bhagat Institute of Management & Computer Science, Mandi Gobindgarh	
5	Er. Inderjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
6	Er. Harpreet Kaur	Punjab Agricultural University, Ludhiana	
7	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
8	Er. Nancy	Beant College of Engineering and	
9	Er. Gurjeet Kaur	Beant College of Engineering and	
10	Er. Sandeep Kaur	Beant College of Engineering and	
11	Mr. Dinesh Anand	Guru Nanak Dev Engineering College, Ludhiana	
12	Er. Suman Thapar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
13	Er. Jarnail Singh	Beant College of Engineering and	
14	Er. Manpreet Singh	Lala Lajpat Rai Institute of Engineering & Technology, Moga	

Faculty Development Programme
on
"Recent Computing Paradigms"

Date: 07/07/14

Attendance Sheet

Session: 1-1

S. No.	Name	Institute	Signature
15	Er. Bindia Tarika	Guru Nanak Dev Engineering College, Ludhiana	
16	Er. Ranjodh Singh	DAV University, Jalandhar	
17	Er. Sita Rani	Ludhiana Group of Colleges, Chaukiman, Ludhiana	
18	Er. Reema Verma	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
19	Er. Pankaj Bhambri	Guru Nanak Dev Engineering College, Ludhiana	
20	Er. Mohit Kumar	Desh Bhagat Engineering College, Mandi Gobindgarh	MR
21	Er. Kirti Makkar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	Not Registered
22	Dr. Amanpreet Kaur Sodhi	Guru Nanak Dev Engineering College, Ludhiana	Not Registered
23	Er. Ashwani Malhotra	DAV Institute of Engineering & Technology, Jalandhar	Not Registered
24	Er. Manjinder Singh <i>Kahlon</i>	DAV Institute of Engineering & Technology, Jalandhar	 07/07/14
25	Er. Kanwalpreet Sahni	Guru Nanak Dev Engineering College, Ludhiana	
26	Er. Jagjit Kaur	Guru Nanak Dev Engineering College, Ludhiana	
27	Er. Parminder Singh	Guru Nanak Dev Engineering College, Ludhiana	

7th-11th July, 2014

Date: 02/7/14

Session: 2.1 (9:30-11:00 am)

S. No.	Name	Institute	Signature
1	Er. Sukhwinder Bir	Beant College of Engineering & Technology, Gurdaspur	
2	Er. Sunny Behal	Shaheed Bhagat Singh State Technical Campus, Ferozepur	
3	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
4	Mr. Rajan Manro	Desh Bhagat Institute of Management & Computer Science, Mandi Gobindgarh	
5	Er. Inderjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
6	Er. Harpreet Kaur	Punjab Agricultural University, Ludhiana	
7	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
8	Er. Nancy	Beant College of Engineering and Technology, Gurdaspur	
9	Er. Gurjeet Kaur	Beant College of Engineering and Technology, Gurdaspur	
10	Er. Sandeep Kaur	Beant College of Engineering and Technology, Gurdaspur	
11	Mr. Dinesh Anand	Guru Nanak Dev Engineering College, Ludhiana	
12	Er. Suman Thapar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
13	Er. Jarnail Singh	Beant College of Engineering and Technology, Gurdaspur	
14	Er. Manpreet Singh	Lala Lajpat Rai Institute of Engineering & Technology, Moga	
15	Er. Bindia Tarika	Guru Nanak Dev Engineering College, Ludhiana	
16	Er. Ranjodh Singh	DAV University, Jalandhar	
17	Er. Sita Rani	Ludhiana Group of Colleges, Chaukimmann, Ludhiana	
18	Er. Reema Verma	Ludhiana College of Engineering & Technology, Katani Kalan,	

**FACULTY DEVELOPMENT PROGRAMME
"RECENT COMPUTING PARADIGMS"**

7th-11th July, 2014

Date: 08/7/14

Session: 2.1 (9:30-11:00 am)

19	Er. Pankaj Bhambri	Guru Nanak Dev Engineering College, Ludhiana	
20	Er. Mohit Kumar	Desh Bhagat Engineering College, Mandi Gobindgarh	
21	Er. Manjinder Singh Kahlon	DAV Institute of Engineering & Technology, Jalandhar	<i>[Signature]</i>
22	Er. Kanwalpreet Sahni	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
23	Er. Jagjit Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
24	Er. Parminder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
25	Er. Jagdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
26	Er. Rohin Gupta	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
27	Er. Prem Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
28	Er. Parminderjeet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
29	Er. Harnam Singh Farwaha	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
30	Er. Pooja Khanna	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
31	Er. Gurdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
32	Er. Jaswinder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
33	Er. Deepika Grover	Desh Bhagat Foundation Group of Institutions, Moga	<i>[Signature]</i>
34	Er. Amrinder Singh Pannu	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
35	Er. Iqbalpreet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
36	Er. Gurpreet Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
37	Er. Shivani Abrol	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>
38	Er. Amanpreet Singh Brar	Guru Nanak Dev Engineering College, Ludhiana	<i>[Signature]</i>

ATTENDANCE
FACULTY DEVELOPMENT PROGRAMME
"RECENT COMPUTING PARADIGMS"

7th-11th July, 2014

Session: 3.1 (9:30-11:00 am)

Date: 29/7/14

S. No.	Name	Institute	Signature
1	Er. Sukhwinder Bir	Beant College of Engineering & Technology, Gurdaspur	
2	Er. Sunny Behal	Shaheed Bhagat Singh State Technical Campus, Ferozepur	
3	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
4	Mr. Rajan Manro	Desh Bhagat Institute of Management & Computer Science, Mandi Gobindgarh	
5	Er. Inderjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
6	Er. Harpreet Kaur	Punjab Agricultural University, Ludhiana	
7	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
8	Er. Nancy	Beant College of Engineering and Technology, Gurdaspur	
9	Er. Gurjeet Kaur	Beant College of Engineering and Technology, Gurdaspur	
10	Er. Sandeep Kaur	Beant College of Engineering and Technology, Gurdaspur	
11	Mr. Dinesh Anand	Guru Nanak Dev Engineering College, Ludhiana	
12	Er. Suman Thapar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
13	Er. Jarnail Singh	Beant College of Engineering and Technology, Gurdaspur	
14	Er. Manpreet Singh	Lala Lajpat Rai Institute of Engineering & Technology, Moga	
15	Er. Bindia Tarika	Guru Nanak Dev Engineering College, Ludhiana	
16	Er. Ranjodh Singh	DAV University, Jalandhar	
17	Er. Sita Rani	Ludhiana Group of Colleges, Chaukimmann, Ludhiana	

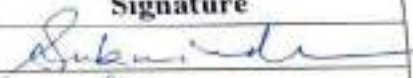
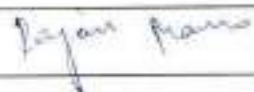
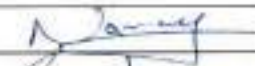
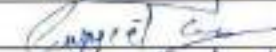
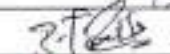
Date: 09/7/14

Session: 3:1 (9:30 - 11:00 am)

18	Er. Reema Verma	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	<i>Reema Verma</i>
19	Er. Pankaj Bhambri	Guru Nanak Dev Engineering College, Ludhiana	<i>Pankaj Bhambri</i>
20	Er. Mohit Kumar	Desh Bhagat Engineering College, Mandi Gobindgarh	
21	Er. Manjinder Singh Kahlon	DAV Institute of Engineering & Technology, Jalandhar	<i>Manjinder Singh</i>
22	Er. Kanwalpreet Sahni	Guru Nanak Dev Engineering College, Ludhiana	<i>Kanwalpreet Sahni</i>
23	Er. Jagjit Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Jagjit Kaur</i>
24	Er. Parminder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Parminder Singh</i>
25	Er. Jagdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Jagdeep Singh</i>
26	Er. Rohin Gupta	Guru Nanak Dev Engineering College, Ludhiana	<i>Rohin Gupta</i>
27	Er. Prem Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Prem Singh</i>
28	Er. Parminderjeet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Parminderjeet Singh</i>
29	Er. Harnam Singh Farwaha	Guru Nanak Dev Engineering College, Ludhiana	<i>Harnam Singh Farwaha</i>
30	Er. Pooja Khanna	Guru Nanak Dev Engineering College, Ludhiana	<i>Pooja Khanna</i>
31	Er. Gurdeepak Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Gurdeepak Singh</i>
32	Er. Jaswinder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Jaswinder Singh</i>
33	Er. Deepika Grover	Desh Bhagat Foundation Group of Institutions, Moga	<i>Deepika Grover</i>
34	Er. Amrinder Singh Pannu	Guru Nanak Dev Engineering College, Ludhiana	<i>Amrinder Singh Pannu</i>
35	Er. Iqbalpreet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Iqbalpreet Singh</i>
36	Er. Gurpreet Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	<i>Gurpreet Kaur Gill</i>

Date: 10/7/14

Session: 4.1 (9.30 - 11.00 am)

S. No.	Name	Institute	Signature
1	Er. Sukhwinder Bir	Beant College of Engineering & Technology, Gurdaspur	
2	Er. Sunny Behal	Shaheed Bhagat Singh State Technical Campus, Ferozepur	
3	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
4	Mr. Rajan Manro	Desh Bhagat Institute of Management & Computer Science, Mandi Gobindgarh	
5	Er. Inderjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
6	Er. Harpreet Kaur	Punjab Agricultural University, Ludhiana	
7	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
8	Er. Nancy	Beant College of Engineering and Technology, Gurdaspur	
9	Er. Gurjeet Kaur	Beant College of Engineering and Technology, Gurdaspur	
10	Er. Sandeep Kaur	Beant College of Engineering and Technology, Gurdaspur	
11	Mr. Dinesh Anand	Guru Nanak Dev Engineering College, Ludhiana	
12	Er. Suman Thapar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
13	Er. Jamail Singh	Beant College of Engineering and Technology, Gurdaspur	
14	Er. Manpreet Singh	Lala Lajpat Rai Institute of Engineering & Technology, Moga	
15	Er. Bindia Tarika	Guru Nanak Dev Engineering College, Ludhiana	
16	Er. Ranjodh Singh	DAV University, Jalandhar	
17	Er. Sita Rani	Ludhiana Group of Colleges, Chaukimmann, Ludhiana	

Date: 22/7/14

Session: 5.1 (9:30-11:00 am)

18	Er. Reema Verma	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
19	Er. Pankaj Bhambri	Guru Nanak Dev Engineering College, Ludhiana	
20	Er. Mohit Kumar	Desh Bhagat Engineering College, Mandi Gobindgarh	
21	Er. Manjinder Singh Kahlon	DAV Institute of Engineering & Technology, Jalandhar	
22	Er. Karwalpreet Sahni	Guru Nanak Dev Engineering College, Ludhiana	
23	Er. Jagjit Kaur	Guru Nanak Dev Engineering College, Ludhiana	
24	Er. Parminder Singh	Guru Nanak Dev Engineering College, Ludhiana	
25	Er. Jagdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	
26	Er. Rohin Gupta	Guru Nanak Dev Engineering College, Ludhiana	
27	Er. Prem Singh	Guru Nanak Dev Engineering College, Ludhiana	
28	Er. Parminderjeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
29	Er. Harnam Singh Farwaha	Guru Nanak Dev Engineering College, Ludhiana	
30	Er. Pooja Khanna	Guru Nanak Dev Engineering College, Ludhiana	
31	Er. Gurdeepak Singh	Guru Nanak Dev Engineering College, Ludhiana	
32	Er. Jaswinder Singh	Guru Nanak Dev Engineering College, Ludhiana	
33	Er. Deepika Grover	Guru Nanak Dev Engineering College, Ludhiana	
34	Er. Anirnder Singh Parmu	Desh Bhagat Foundation Group of Institutions, Moga	
35	Er. Iqbalpreet Singh	Guru Nanak Dev Engineering College, Ludhiana	
36	Er. Gurpreet Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	

Date: 11/7/14

Session: S-2 (11:35 - 12:45 pm)

S. No.	Name	Institute	Signature
1	Er. Sukhwinder Bir	Beant College of Engineering & Technology, Gurdaspur	
2	Er. Sunny Behal	Shaheed Bhagat Singh State Technical Campus, Ferozepur	
3	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	
4	Mr. Rajan Manro	Desh Bhagat Institute of Management & Computer Science, Mandi Gobindgarh	
5	Er. Inderjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
6	Er. Harpreet Kaur	Punjab Agricultural University, Ludhiana	
7	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
8	Er. Nancy	Beant College of Engineering and Technology, Gurdaspur	
9	Er. Gurjeet Kaur	Beant College of Engineering and Technology, Gurdaspur	
10	Er. Sandeep Kaur	Beant College of Engineering and Technology, Gurdaspur	
11	Mr. Dinesh Anand	Guru Nanak Dev Engineering College, Ludhiana	
12	Er. Suman Thapar	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	
13	Er. Jarnail Singh	Beant College of Engineering and Technology, Gurdaspur	
14	Er. Manpreet Singh	Lala Lajpat Rai Institute of Engineering & Technology, Moga	
15	Er. Bindia Tarika	Guru Nanak Dev Engineering College, Ludhiana	
16	Er. Ranjodh Singh	DAV University, Jalandhar	
17	Er. Sita Rani	Ludhiana Group of Colleges, Chaukimann, Ludhiana	

18	Er. Reema Verma	Ludhiana College of Engineering & Technology, Katani Kalan, Ludhiana	<i>Reema Verma</i>
19	Er. Pankaj Bhambri	Guru Nanak Dev Engineering College, Ludhiana	<i>Pankaj</i>
20	Er. Mohit Kumar	Desh Bhagat Engineering College, Mandi Gobindgarh	<i>mk</i>
21	Er. Manjinder Singh Kallan	DAV Institute of Engineering & Technology, Jalandhar	<i>Manjinder Singh</i>
22	Er. Kaawalpreet Sahni	Guru Nanak Dev Engineering College, Ludhiana	<i>Kaawalpreet</i>
23	Er. Jagjit Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Jagjit</i>
24	Er. Parminder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>P</i>
25	Er. Jagdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>Rohit Gupta</i>
26	Er. Rohin Gupta	Guru Nanak Dev Engineering College, Ludhiana	<i>R</i>
27	Er. Prem Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>P</i>
28	Er. Parminderjeet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>P</i>
29	Er. Harnam Singh Farwaha	Guru Nanak Dev Engineering College, Ludhiana	<i>Harnam Singh</i>
30	Er. Pooja Khanna	Guru Nanak Dev Engineering College, Ludhiana	<i>Pooja</i>
31	Er. Gurdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>G</i>
32	Er. Jaswinder Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>J</i>
33	Er. Deepika Grover	Desh Bhagat Foundation Group of Institutions, Moga	<i>Deepika</i>
34	Er. Amrinder Singh Panau	Guru Nanak Dev Engineering College, Ludhiana	<i>A</i>
35	Er. Iqwalpreet Singh	Guru Nanak Dev Engineering College, Ludhiana	<i>I</i>
36	Er. Gurpreet Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	<i>G Kaur</i>

Prog. No. 2

Title : Nature Inspired Computational techniques
For Engineering & Sciences.

Date : 21/07/2014 - 25/07/2014

Activity Report on

TEQIP sponsored one week FDP on
"Nature Inspired Computational and Communication Technologies" for
Engineering and Sciences 21.07.2014 to 25.07.2014.

The department conducted one week FDP on 'Nature Inspired Computational and Communication Technologies' from 21.07.2014 to 25.07.2014. Experts were from IIT Roorkee, IIT Ropar and DCRUST Murthal along with that from GNDEC, Ludhiana. About 40 participants attended this FDP. There were practical lab sessions in FDP, which were of considerable attention. The feedback obtained from participants was very positive and encouraging.


HOD (ECE)



Dr. Ekta (IIT Ropar) delivering expert talk



Lab Session delivered by Dr.Munish Rattan



Participants



Presenting Memento to Guest of Honor



Inauguration ceremony of course (Course Coordinators, HOD, Principal, Chief Guest, Guest of Honor)



**TEQIP-II SPONSORED
FACULTY DEVELOPMENT PROGRAMME
ON**



**NATURE INSPIRED COMPUTATIONAL
TECHNIQUES FOR ENGINEERING AND SCIENCES**

(July 21th, 2014 To July 25th, 2014)

... **ORGANISED BY** ...

Department Of Electronics & Communication Engineering

GURU NANAK DEV ENGINEERING COLLEGE

An Autonomous College Under UGC Act -1956 [2(f) And 12(B)]

Gill Road, Ludhiana, Punjab-141006



Distribution of certificates to participants by TEQIP coordinator and Course Coordinator



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 GNDCE, 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.)

Dr. Narwant Singh Grewal
Coordinator

Dr. Munish Rattan
Coordinator

Dr. Sandeep Singh Gill
Chief Coordinator

Dr. V.N. Jha
TEQIP-II Coordinator



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. KANWALJIT SINGH

of CNDCEC, 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.)

Dr. Narwant Singh Grewal

Coordinator

Dr. Munish Rattan

Coordinator

Dr. Sandeep Singh Gill

Chief Coordinator

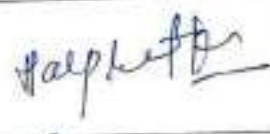
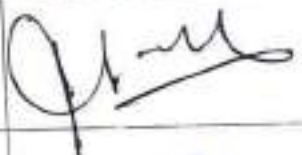
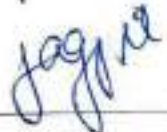
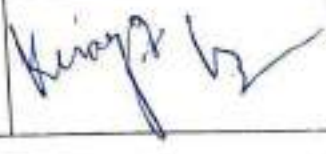
Dr. J.N. Jha

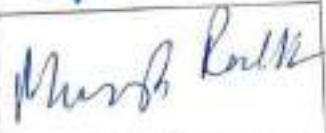
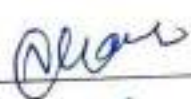
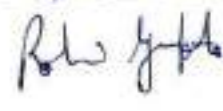
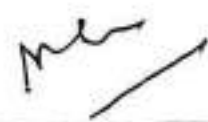
TEQIP-II Coordinator

RECEIPT OF CERTIFICATE

FDP on "NATURE INSPIRED COMPUTATIONAL TECHNIQUES FOR ENGINEERING
AND SCIENCES"

S.No.	Name	Name of Institute	Signature
1.	Ajay Shiv Sharma	GNDEC, LUDHIANA	
2.	Amanpreet Kaur Sodhi	GNDEC, LUDHIANA	
3.	Balwinder singh Dhaliwal	GNDEC, LUDHIANA	
4.	Chahat Jain	GNDEC, LUDHIANA	
5.	Cherry Bhargava	LOVELY PROFESSIONAL UNIVERSITY	
6.	Daljit Singh Sekhon	LUDHIANA GROUP OF COLLEGES, CHOWKIMANN	
7.	Gagandeep Singh Sodhi	GNDEC, LUDHIANA	
8.	Gurdeepak Singh	GNDEC, LUDHIANA	
9.	Gurjot Kaur Walia	GNDEC, LUDHIANA	

10.	Gurpurneet Kaur	GNDEC, LUDHIANA	
11.	Harmeet Singh Gill	GNDEC, LUDHIANA	
12.	Harminder Kaur	GNDEC, LUDHIANA	
13.	Harpreet Kaur	CGC, GHARUAN	
X/14.	Harpreet Kaur	LUDHIANA GROUP OF COLLEGES, CHOWKIMANN	
15.	Harsimranjit Singh Gill	SRI GURU GRANTH SAHIB WORLD UNIVERSITY	
16.	Iqwinderpreet Singh	GNDEC, LUDHIANA	
17.	Jagjit Kaur	GNDEC, LUDHIANA	
18.	Jasmeet Kaur	CGC, GHARUAN	
19.	Jaswinder Singh	GNDEC, LUDHIANA	
20.	Kanwaljit Singh	GNDEC, LUDHIANA	
21.	Kanwalpreet Sahni	GNDEC, LUDHIANA	
22.	Kiranjot Kaur	UCOE, PUNJABI UNIVERSITY, PATIALA	

23.	Kuldeepak Singh	GNDEC, LUDHIANA	
24.	Munish Rattan	GNDEC, LUDHIANA	
25.	Nancy Ramanpreet	CGC, GHARUAN	
26.	Narwant Singh Grewal	GNDEC, LUDHIANA	
27.	Navneet Kaur	GNDEC, LUDHIANA	
28.	Paminder Singh	GNDEC, LUDHIANA	
29.	Prabhjot Singh	CGC, GHARUAN	
30.	Randhir Singh	GNDEC, LUDHIANA	
31.	Rohin Gupta	GNDEC, LUDHIANA	
32.	Rohit Moudgil	RIMT, MANDI GOBINDGARH	
33.	Ruby Gupta	GNDEC, LUDHIANA	
34.	Rupinderjit Singh	GNDEC, LUDHIANA	
35.	Sandeep Singh Gill	GNDEC, LUDHIANA	

36.	Savita Rani	LUDHIANA GROUP OF COLLEGES, CHOWKIMANN	Savita
37.	Simrandeep Singh	CGC, GHARUAN	
38.	Simranjit Singh	GNDEC, LUDHIANA	
39.	Sukhminder Singh	GNDEC, LUDHIANA	Sukh
40.	Vishal Sharma	UIET, PU, CHANDIGARH	Vishal

Prog. No. 3

Title : Latest trends in information and communication technologies

Date : 04/10/2014 - 08/10/2014

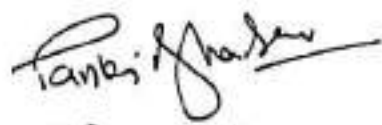
Event Report of Short Term Course "Latest Trends in Information and Communication Technologies" Conducted by the IT Dept. during 04th-08th August 2014

Information Technology Department of Guru Nanak Dev Engineering College, Ludhiana conducted the weeklong series of lectures and hands-on practice sessions of Short Term Course (STC) on title "Latest Trends in Information and Communication Technologies". This STC was sponsored by Technical Education Quality Improvement Programme (TEQIP-II) cell of the Institute. The valediction programme of this course was organized in the seminar hall of the campus on 08th Aug. 2014 (Wed.). This programme was organized with the objective of sharing recent developments in the areas network security, bioinformatics, image processing, natural language processing, firewall implementation and configuration with practical demonstration. As many as 17 resource persons in this programme shared their views and further research areas among the participants.

Dr. O.P. Gupta, Dy. Director, School of Electrical Engineering at Punjab Agriculture University Ludhiana was invited as chief guest of the valediction programme. In his speech, chief guest emphasised that awareness of technology trends in IT and ICT is the need of the hour, but at same time security of information transferred is important area of concern. He further elaborated that security measures can be implemented at the personal level by doing simple encryption of personal data by oneself. TEQIP-II coordinator, Dr. J.N.Jha mentioned the benefits as well as wastage of resources due to updation in technology every day.

Sh. Amolak Singh Kalsi, Technical Director & District Informatics Officer at National Informatics Centre, Jalandhar was invited as Chief Guest in the inauguration of the programme. Mr. Kalsi pointed out various innovative ideas implemented at the industry and government level for the concern of ICT. In the whole five day programme the academicians, software professional and researchers were invited to deliver the expert talk during the course. During this programme, Dr. Sarbjit Singh, Associate Prof. from Panjab University Chandigarh elaborated the role of social media, mobility, analytics and cloud computing in the programme. Dr. Maninder Singh, Associate Prof. from Thapar University Patiala shared his views on social network analysis and big data deluge. Dr. Manpreet Singh from GNDEC Ludhiana explained the topic titled "Bioinformatics: From Evolution to Computation". Dr. Anjali Garg from GNIMT Ludhiana elaborated the Local and Global Feature based Descriptors for Shape based Image Retrieval. Mr. Amit Kamra from GNDEC Ludhiana presented new research ideas in the filed of biomedical imaging. Mr. Vipin Gupta from U-Net solution organized the hands on session on Firewall Implementation and Configuration and Public/ Private Key based Authentication using Secure Protocols like SSH, SFTP and HTTPS. Mr. Sanjeev Kumar from DAV University Jalandhar and Dr. Parminder Singh from GNDEC Ludhiana delivered expert talk on Natural Language Processing with its Various Research Areas and Text to Speech Synthesis System respectively. Dr. Harish Kumar in his speech specified the role of Cyber Security and Information Retrieval.

Dr. K.S. Mann, HOD of IT Dept. and chief coordinator of this course presented the summary & feedback report of this short term course at valediction programme. He discussed the significance of these types of courses for faculties as well as researchers and congratulated the coordinators for organizing this STC. Participation Certificates were issued to 63 participants, which came from different regions of the country to attend this STC.



Dr. K.S. Mann (PANKAR SHAMSARA)

HOD (IT)
HEAD OF DEPARTMENT
Department of Information Technology
Guru Nanak Dev Engineering College,
Ludhiana. (Pb.)

**TEQIP-II SPONSORED
SHORT TERM COURSE
ON
LATEST TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGIES
(04TH-08TH OCTOBER, 2014)**



**TEQIP-II SPONSORED
SHORT TERM COURSE
ON
LATEST TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGIES
(04TH-08TH OCTOBER, 2014)**





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

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

YEAR 2015-2016

Prog. No. 4

Title : VLSI design

Date : 14/10/2015 - 15/10/2015

TITLE: Workshop on VLSI Design (foundation course)**Place: GNDEC Ludhiana, ECE Dept****Date: 14th-15th October, 2015.**

Objective: To incite passion amongst participants to take career in most exciting field of engineering – Space Technology and Microelectronics. In this brief course, some glimpses of space technology and foundation course on Integrated Circuit Design is planned.

Instructors: Sh HS Jatana, Sci/Engr 'G'; Group Director – Design & Process Group, SCL / ISRO, DoS

Sh Munish Malik, Sci/Engr 'E' Design & Process Group / VDD

Schedule:

DAY 1 (14 th October, 2015)				
Sr. No	TOPIC	Instructor	Contents	Start Time
LECT1	Space and Avionics	HSJ	Brief about ISRO, Space technology, satellites and launch Vehicles, use of microelectronics in space	11:00AM
LECT2	VLSI Industry Overview	HSJ	Semiconductor market, process attributes, trends and issues, challenges in VLSI	12:00 Noon
BRK1	Lunch	Light food only around 45 mins break		
			01:00PM	
LECT3	Foundations of analog design - I	HSJ	Non linear circuits, small signal analysis	01:45PM
LECT4	Foundations of analog design - II	HSJ	2-port NL network, y-parameters,	02:45PM
BRK2	Tea	Brief break of 15 mins		
			03:45PM	
LECT5	Foundations of analog design - III	HSJ	Amplifier basics, maximum intrinsic gain achievable, characteristics	4:00PM
BRK	Closing at 5:00PM or based on participants convenience.			
	<i>Participants staying in College campus are free to interact, raise queries with us in the evenings/during dinner.</i>			
DAY 2 (15 th October, 2015)				

LECT6	CMOS Analog Design – I	HSJ	Single Tx configuration, CS, small signal and large signal analysis	9:00AM
LECT7	CMOS Analog Design –II	HSJ	Finding swing limits, gain stability	10:00AM
BRK1	Tea	Break for 15 Mins 11:00AM		
LECT8	CMOS Analog design –III	HSJ	Frequency response analysis, effect of poles and zeroes	11:15AM
LECT9	CMOS Analog design – IV	HSJ	Controlled sources, Design of Voltage Buffer, small signal and large signal analysis	12:15PM
BRK2	Light Lunch	1:00 - 1:45PM		
LECT10	Analog Simulations – I	MM	Analog Simulations, simulations of CS stage with Resistive load	1:45PM
LECT 11	Analog Simulations – II	MM	Analysis with active load, gain maximization, frequency response depiction through simulations	2:45PM
BRK3	Tea	15 mins break 3:45PM		
LECT12	Analog Simulations – III	MM	Voltage buffer, circuit and its analysis	4:00PM
LECT13	Analog Simulations – IV	MM	Test case as an example	4:45PM
BRK	Windup at 5:30PM or based on participants convenience			

Note:

1. Each lecture to be around one hour duration.
2. Multimedia and white board is required.
3. Soft copy of material would be provided by instructors.
4. Emphasis on learning design concepts and fundamentals in this course.
5. Participants and organizers are requested to provide feedback on this course.



Valediction Ceremony



Sh. Munish Mallik, Scientist, SCL Mohali delivering Expert Talk



Participants attending the Workshop





Sh.H.S.Jatana, Scientist delivering expert talk to Participants



Participants



Guru Nanak Dev Engineering College

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

Gill Park, Ludhiana.



Semi-Conductor Laboratory, Department of Space
Government of India, Mohali

Certificate of Participation

Two day workshop on
VLSI DESIGN

This certificate is awarded to Ms./Mr./Dr. Narwant Singh Grewal
of Guru Nanak Dev Engg. College for participating in/organising Two day workshop on
VLSI Design, held on 14th and 15th October, 2015 organized by Department of
Electronics and Communication Engineering, Guru Nanak Dev Engineering College, Ludhiana (Pb.)
in collaboration with Semi-Conductor Laboratory, Department of Space, Government of India, Mohali.

Navneet Kaur

Dr. Navneet Kaur

Sandeep Singh Gill

Dr. Sandeep Singh Gill

M.S. Saini

Dr. M.S. Saini



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.



Semi-Conductor Laboratory, Department of Space
Government of India, Mohali

Certificate of Participation

Two day workshop on
VLSI DESIGN

This certificate is awarded to Ms./Mr./Dr. Munish Rattan

of Guru Nanak Dev Engineering College for participating in/organising Two day workshop on
VLSI Design, held on 14th and 15th October, 2015 organized by Department of
Electronics and Communication Engineering, Guru Nanak Dev Engineering College, Ludhiana (Pb.)
in collaboration with Semi-Conductor Laboratory, Department of Space, Government of India, Mohali.

Er. Navneet Kaur

Er. Navneet Kaur
Coordinator, GNDXC

Dr. Sandeep Singh Gill

Dr. Sandeep Singh Gill
Head of Department, ECE

Sh. H.S. Jatana

Sh. H.S. Jatana
Coordinator, SCL-ISRO

Dr. M.S. Saini

Dr. M.S. Saini
Director

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.

&

Semi-Conductor Laboratory, Department of Space
Government of India, Mohali

Certificate of Participation

Two day workshop on

VLSI DESIGN

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

of Guru Nanak Dev Engineering College for participating in/organising Two day workshop on
VLSI Design, held on 14th and 15th October, 2015 organized by Department of
Electronics and Communication Engineering, Guru Nanak Dev Engineering College, Ludhiana (Pb.)
in collaboration with Semi-Conductor Laboratory, Department of Space, Government of India, Mohali.

Dr. Navneet Kaur

Er. Navneet Kaur
Coordinator, GNDEC

Dr. Sandeep Singh Gill

Dr. Sandeep Singh Gill
Head of Department, ECE

Sh. H.S. Jatana

Sh. H.S. Jatana
Coordinator, SCL ISRO

Dr. M.S. Saini

Dr. M.S. Saini
Director



Prog. No. 5

Title : Geotechnical Investigations and Ground Improvement with Geosynthesis for Structural and Construction Engineers

Date : 09/12/2015 – 10/12/2015

Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers
(December 9-10th, 2015)



Illustration 1: Training Program on Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers (2015)



Illustration 2: Lamp lighting ceremony of Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers (2015)



Illustration 3: Resource Person delivering expert talk



Guru Nanak Dev Engineering College

(AN AUTONOMOUS COLLEGE UNDER UGC ACT)

LUDHIANA, PUNJAB



DEPARTMENT OF CIVIL ENGINEERING

It is certified that Mr./Ms./Dr. Charanjeet Singh
of GINDEC, Ludhiana participated in Indian

Geotechnical Society 2-Day Training Program on Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers conducted by

Department of Civil Engineering on 9-10 December, 2015 in association with Testing &

Consultancy Cell of the college and Indian Geotechnical Society: Ludhiana Chapter and

sponsored by TEQIP-II and TATA Structural.

Organising Secretary

Head of Department and

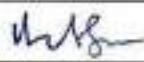
Chairman (IGS-Ludhiana Chapter)

IGS and Students

Attendance sheet (delegates)

Conducted by Department of Civil Engineering, Guru Nanak Dev Engineering College Ludhiana

List of invitees of K B A Tata Structura for the workshop at GNDEC on 9/12/2015-10/12/2015

Sr.no	Name	Designation	Contact detail	Email-Id	Signature
Jalandhar					
1	Er. Baljeet Singh	Director, Rupcon Engineers, Jld.	9876357330	baljeetruara@gmail.com	
2	Er. K B S Riar	Prop. Spantech Consultants, Jld.	9417046110	spantech18@yahoo.com	
Panchkula					
3	Er. B K Trehan	EDIFICE Inc. Panchkula	9417579562	bktrehan@gmail	
Mohali					
4	Er. Sushil dogra	Creative Consultants, Mohali	9876574540	sushil_dogra@gmail.com	
5	Dr. S K verma	Associate Professor (P E C Unit.)	9876980650	skverma5724@yahoo.com	
Chandigarh					
6	Er. Karnail singh	F I E, I E India	9646346088	karnail1424@gmail.com	
Ludhiana					
7	Er. Amarjeet Singh Paik	A S Paik & Associates, Ldh.	9417032859	galistructure@yahoo.co.in	
8	Er. Manjot Singh	Student (Mtech. Str. engg.)			

Investigations and Ground Improvement with Geosynthetics for
Structural and Construction Engineers
(Sponsored by the Tata Structural)

Other participants

Attendance sheet (Delegates)

[illegible]

Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers

Date: 09/12/2015

(2-days Training Program Sponsored by TATA TISCON)

NO	Name	Affiliation	Contact No.	Signature
1	Amandeep Verma	M-Tech.(Geo) GNDEC, LDH	9463328050	<i>Amandeep Verma</i>
2	Amit Sagar	M.Tech. (Str.) GNDEC, LDH	9872661048	<i>Amit Sagar</i>
3	Amreen Farooz	M-Tech.(Geo) GNDEC, LDH	8968828469	<i>Amreen Farooz</i>
4	Amritpal Kaur	M.Tech. (Str.) GNDEC, LDH	8146302342	<i>Amritpal Kaur</i>
5	Ankit Garg	M.Tech. (Str.) GNDEC, LDH		
6	Arvinder Singh	M.Tech. (Str.) GNDEC, LDH	9501093567	<i>Arvinder Singh</i>
7	Avtar preet Singh	M-Tech.(Geo) GNDEC, LDH	9417426751	<i>Avtar preet Singh</i>
8	Avinash Bhardwaj	M-Tech. GNDEC, LDH	8568874873	<i>Avinash</i>
9	Bikramjeet singh	M.Tech. (Str.) GNDEC, LDH	9815272701	<i>Bikramjeet Singh</i>
10	Charanjit Singh	M.Tech. (Str.) GNDEC, LDH	9888972008	<i>Charanjit</i>
11	Darshan singh	M-Tech.(Soil part time)	8568849845	<i>Darshan</i>
12	Hardeep singh	M-Tech.(Geo) GNDEC, LDH		
13	Hardev Singh	M.Tech. (Str.) GNDEC, LDH	8727959705	<i>Hardev</i>
14	Harmandeep singh Gill	M-Tech.(Geo) GNDEC, LDH	8288883878	<i>Harmandeep</i>
15	Harpinderpal singh	M-Tech.(Geo) GNDEC, LDH		
16	Harsimranjeet Singh	M.Tech. (Str.) GNDEC, LDH	9041336775 <i>9041336775</i>	<i>Harsimranjeet Singh</i>
17	Jagjaeevan singh	M-Tech.(Geo) GNDEC, LDH		
18	Jagvir Singh	M.Tech. (Str.) GNDEC, LDH	97804600	<i>Jagvir</i>
19	Jangir Singh	ICE Ludhiana		
20	Jaskaran Singh	M.Tech. (Str.) GNDEC, LDH	9779381836	<i>Jaskaran Singh</i>
21	Joginder singh	M-Tech.(Geo) GNDEC, LDH		
22	Jugraj	M-Tech.(Geo) GNDEC, LDH		

Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers

Date: 09/12/2015

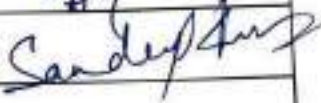
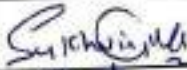
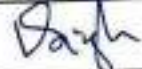
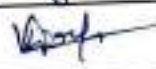
(2-days Training Program Sponsored by TATA TISCON)

S NO	Name	Affiliation	Contact No.	Signature
23	Kaitan	M-Tech.(Geo) GNDEC, LDH	9463212776	Kaitan
24	Kamal Kishor	M.Tech. (Str.) GNDEC, LDH		
25	Kanwar ^{deep} preet Singh	M.Tech. (Str.) GNDEC, LDH	9876543210	Kanwarddeep Singh
26	Krishan Kumar	ICE Ludhiana		
27	Kuldeep Singh	M.Tech. (Str.) GNDEC, LDH	8968649245	Kuldeep
28	Lovedeep singh	M.Tech. (Str.) GNDEC, LDH	98035-38320	Lovedeep Singh
29	Lovepreet Singh	M.Tech. (Str.) GNDEC, LDH	9463602068	Lovepreet Singh
30	Maninder Savra	M.Tech. (Str.) GNDEC, LDH		
31	Manjot Singh	M.Tech. (Str.) GNDEC, LDH	9417602869	Manjot Singh
32	Manvir Singh	M.Tech. (Str.) GNDEC, LDH	9463281548	Manvir Singh
33	Milanpreet Kaur	M.Tech. (Str.) GNDEC, LDH	9592786186	Milanpreet Kaur
34	Mohdishfaq	M.Tech. (Str.) GNDEC, LDH	9803058114	Mohdishfaq
35	Mudasir Nazeer	M-Tech.	7508196119	Mudasir Nazeer
36	Nirbhay Chauhan	M.Tech. (Str.) GNDEC, LDH	9463856211	Nirbhay Chauhan
37	Nishant Arya	M.Tech. (PT) GNDEC, LDH	9129917096	Nishant
38	Pankaj Kaistha	ICE Ludhiana		
39	Pardeep Singh Sekhon	M-Tech.(Geo) GNDEC, LDH		
40	parmeet batish	M-Tech.(Geo) GNDEC, LDH		
41	Pawndeep Kaur	M-Tech.(Geo) GNDEC, LDH	9478070711	Pawandeep Kaur
42	Prem Gandhi	M.Tech. (Str.) GNDEC, LDH	9466200566	Prem Gandhi
43	rajkamal singh Rajkamal	M.Tech. (Str.) GNDEC, LDH	735577669	Rajkamal
44	Rakesh Kumar	M-Tech.(Geo) GNDEC, LDH		

Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural
and Construction Engineers

Date: 09/12/2015

(2-days Training Program Sponsored by TATA TISCON)

S NO	Name	Affiliation	Contact No.	Signature
45	Sameer Ahmed	M.Tech. (Str.) GNDEC, LDH	96059089	
46	Sandeep Kaur	M.Tech. (Str.) GNDEC, LDH	959213237	
47	Sohan lal	ICE Ludhiana		
48	Sukhvir singh Gill	M.Tech. (Str.) GNDEC, LDH	99140-07299	
49	Varinder Singh	M.Tech. (Str.) GNDEC, LDH	7307360027	
50	Virajan Verma	M-Tech.(Geo) GNDEC, LDH	8567965745	

Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers (Sponsored by the Tata Structura)

List of sponsored delegates

SN	Name	Affiliation	Contact detail	Signature
1	Subhasish Pasupalak	NIT Jamshedpur		
2	Neha Nasreen	NIT Jamshedpur	9835744661	Neha Nasreen
3	Ajay Kumawat	NIT Jamshedpur	7737376107	Ajay
4	Binex Kunjumon	NIT Jamshedpur	9037624254	Binex
5	Harshit Raj	NIT Jamshedpur		
6	Deepthi Sudhi	NIT Jamshedpur		
7	Arijit Mandal	NIT Jamshedpur		
8	Sujata Jitendra Fulambarkar	NIT Jamshedpur	8928381392	Fulambarkar
9	Ujjawal Prakash	NIT Jamshedpur	9801889541	Ujjawal
10	Amaljith V.	NIT Jamshedpur	9400058137	Amaljith
11	Bishnu Prasad Panigrahi	NIT Jamshedpur		
12	Donal Nixon Dsouza	NIT Jamshedpur	8762096335	Donal
13	Amrit Pathak	NIT Jamshedpur	8004521636	Amrit Pathak
14	Balabhadra Nayak	NIT Jamshedpur		
15	Sumit Kumar	NIT Jamshedpur	9905782701	Sumit Kumar
16	Arpit Jain	NIT Jamshedpur		

Guru Nanak Dev Engineering College, Ludhiana
Civil Engineering Department

Dated: 16/10/2015

Following faculty members participated in two days training program on **"Geotechnical Investigations and Ground Improvement with Geosynthetics for Structural and Construction Engineers"** on December 9-10th, 2015 and their participation certificates are attached herewith:

S No	Faculty Name	Designation
1	Harpal Singh	Professor
2	Hardeep Singh Rai	Professor
3	Baljit Singh Walia	Professor
4	Gurdeepak Singh	Associate Professor
5	K.S. Bedi	Associate Professor
6	Harjinder Singh	Associate Professor
7	Puneet Pal Singh Cheema	Assistant Professor
8	Prashant Gang	Assistant Professor
9	Inderpreet Kaur	Assistant Professor
10	Gurpuneet Singh	Assistant Professor
11	Pardeep Singh Joia	Assistant Professor
12	Kulwinder Singh	Assistant Professor
13	Pritpal Kaur	Assistant Professor
14	Amandeep Singh	Assistant Professor
15	Gurbir Kaur Jawanda	Assistant Professor
16	Charnjeet Singh	Assistant Professor
17	Rajinderpal Kaur Pandher	Assistant Professor
18	Preetinder Kaur	Assistant Professor
19	Bhupinder Singh Walia	Assistant Professor
20	Sukhwinder Singh	Assistant Professor
21	Rupinder Singh Litt	Assistant Professor
22	Heena Malhotra	Assistant Professor
23	Amandeep Singh Gill	Assistant Professor
24	Chander Shekhar Singla	Assistant Professor
25	Mandeep Kaur	Assistant Professor
26	Sukhpreet Kaur Bhatia	Assistant Professor
27	Yuvraj Singh	Assistant Professor
28	Tanu	Assistant Professor
29	Prabhjot Singh	Assistant Professor
30	Jashandeep Kaur	Assistant Professor
31	Lakhvir Kaur	Assistant Professor

CC:

1. File Record 2. HoD (Civil) for information

Dr. Harvinder Singh
Coordinator Registration
Associate Professor
Civil Engineering Deptt.
Guru Nanak Dev Engg. College,
Ludhiana.

Prog. No. 6

Title : Producing Elegant Technical Research
Reports Efficiently

Date : 19/01/2016 - 20/01/2016

Activity Report

Two Day Workshop on Producing Elegant Technical Research Reports Efficiently

The Department of Civil Engineering and Computer Science & Engineering organised jointly TEQIP-II sponsored two day work on "Producing Elegant Technical Research Reports Efficiently" held from 19th and 20th January, 2016. The workshop started with inaugural sessions on 19th January, 2016, Mrs. V. Puri was the chief guest of the day and Director GNDEC, Ludhiana presided over the function. Dr. J.N Jha and Dr Parminder singh, chairman and co-chairman of the workshop emphasised on the need of efficient tools for report writing. Seventy Three research scholars (Ph.D. and M.Tech) from various institutes registered for the workshop.

The workshop sessions for both days were hands on lab sessions, where participants learnt and experimented with LaTeX software and Reference Manager software for writing research reports efficiently. The participants were be guided on the selection of tools based on the philosophy that authors should be able to focus on the content rather than achieving the required format. The tools used for conducting workshop were having superior support for automatic formatting, mathematical equations, graphics, bibliography and handling of references over the traditional tools. This workshop enabled the academicians to productively utilise their valuable time in conducting research rather than spending time in formatting their reports and thesis. The workshop ended with a quiz and feedback session. Dr. Hardeep Singh Rai (coordinator) and Mr. Sukhjot Singh Sehra (Co-coordinator) thanked the participants.



**Workshop on Producing Elegant Technical Research Reports Efficiently
(January 19 – 20, 2016)**



Illustration 1: Workshop on Producing Elegant Technical Research Reports Efficiently (January 19 – 20, 2016)



Illustration 2: Felicitations in Workshop on Producing Elegant Technical Research Reports Efficiently (January 19 – 20, 2016)



Illustration 3: Certificate distribution to Participant in Workshop on Producing Elegant Technical Research Reports Efficiently (January 19 – 20, 2016)



Illustration 4: Group Photograph for Workshop on Producing Elegant Technical Research Reports Efficiently (January 19 – 20, 2016)

**Workshop on Producing Elegant Technical Research Reports Efficiently
(January 19 – 20, 2016)**

List of Participants

S No	Name	Designation	Affiliation
1	Aman Kumar	Faculty	SLIET
2	Amandeep Verma	PG Student	GNDEC
3	Ameeta Seehra	Faculty	GNDEC
4	Amit Sagar	PG Student	GNDEC
5	Amritpal Kaur	PG Student	GNDEC
6	Anjali	PG Student	CU, Mohali
7	Anterpreet Kaur	PG Student	GNDEC
8	Antterpreet Kaur	PG Student	GNDEC
9	Anuradha	PG Student	CU, Mohali
10	Ardamanbir Singh	Faculty	GNDEC
11	Arvinder Singh	PG Student	GNDEC
12	Avtarpreet Singh	PG Student	GNDEC
13	Bhupinder Kaur Srao	Faculty	CU, Mohali
14	Bindia Tarika	Faculty	GNDEC
15	Charanjit Singh	PG Student	GNDEC
16	Dhruv Chander Pant	PhD Scholar	GNDEC
17	Ekta Gupta	Others	
18	Gaurav Gupta	PhD Scholar	NITTTR
19	Hanisha	PG Student	GNDEC
20	Hardev Singh	PG Student	GNDEC
21	Harjinder Kaur	PG Student	GNDEC
22	Harmandeep Singh	Faculty	SLIET
23	Harmandeep Singh Gill	PG Student	GNDEC
24	Harpreet Kaur Grewal	Faculty	GNDEC
25	Harsimranjit Singh	PG Student	GNDEC
26	Harsimranpal Kaur	PG Student	GNDEC
27	Harwinder Singh	PhD Scholar	LLPR Moga
28	Inderjit Singh Dhanoa	Faculty	GNDEC
29	Inderpreet Kaur Dhindsa	Faculty	GNDEC
30	Jagbir Singh	Faculty	GNDEC
31	Jagdeep Singh	Faculty	GNDEC
32	Jagdish Kamboj	Faculty	CU, Mohali
33	Jasleen Kaur	PG Student	GNDEC
34	Jeevan Bhatia	PG Student	GNDEC
35	Jeevesh Kumar	PG Student	NITTTR
36	Kamal Kishor	PG Student	NITTTR
37	Kanwalpreet Sahni	Faculty	GNDEC
38	Kanwardeep Singh	PG Student	GNDEC
39	Lovedeep Singh	PG Student	GNDEC
40	Lovepreet Singh	PG Student	GNDEC
41	Maninder Savra	PG Student	GNDEC

S No	Name	Designation	Affiliation
42	Manjot Singh	PG Student	GNDEC
43	Manvir Singh	PG Student	GNDEC
44	Mehak Sood	PG Student	GNDEC
45	Milanpreet Kaur	PG Student	GNDEC
46	Mukesh Kumar	PG Student	GNDEC
47	Navneet Kaur	Faculty	BBSBEC
48	Navneet Kaur	Faculty	GNDEC
49	Navneet Kaur	PG Student	GNDEC
50	Neeraj Bhanot	PhD Scholar	IITD
51	Pankaj Bhambri	Faculty	GNDEC
52	Pardeep Singh	Faculty	GNDEC
53	Parminder Kaur Wadhwa	Faculty	GNDEC
54	Parminderjeet Singh	Faculty	GNDEC
55	Pawan Verma	PG Student	GNDEC
56	Prateek Malhotra	PG Student	NITTTR
57	Preetinder Singh Brar	Faculty	Chitkara
58	Rajinder Ghai	PhD Scholar	TU
59	Raman Preet	Faculty	LPKC
60	Ramandeep Sharma	PG Student	GNDEC
61	Randhir Singh	Faculty	GNDEC
62	Sakshi Dua	Faculty	LPKC
63	Satwinderjit Kaur	Faculty	GNDEC
64	Sayantan Ghosh	PG Student	NITTTR
65	Shahbaz Singh	PG Student	GNDEC
66	Simrat Kaur	Faculty	BBSBEC
67	Sukhpreet Kaur Gill	PG Student	GNDEC
68	Sumeet Kaur Sehra	Faculty	GNDEC
69	Sumeet Rehal	PG Student	GNDEC
70	Upasna Sharma	PG Student	GNDEC
71	Vijay Kumar	PG Student	GNDEC
72	Vikas Rattan	Faculty	Chitkara
73	Vivek Thapar	Faculty	GNDEC



Dr. H S Rai
Coordinator, Workshop
Producing Elegant Technical Research Reports Efficiently

Prof. & Head of Civil Engg. Deptt.
G. N. D. E. College,
JUDHIANA

Prog. No. 7

Title : Universal human values development in students through curriculum management

Date : 18/04/2016 - 20/04/2016

Applied Science Department, Guru Nanak Dev Engg. College Ludhiana in collaboration with NITTTR Chandigarh is going to organize Faculty Development Programme on **"Universal Human Values Development in Students through Curriculum Management"** from 18th to 20th April 2016 at college premises.

Background

Design of curriculum includes and takes care of development of human resources in all aspects i.e. knowledge, skill and values/ attitudes, but in actual practice greater focus is on teaching i.e. knowledge of facts, concepts, principles and theory etc and development of performance skills. Vision, Mission, PEO's, PO's (a to k) and CO's given in the criteria of programme accreditation under NBA emphasize the need of values, attitudes and ethics as well soft skills among the professionals.

This FDP aims to discuss and understand the taxonomy of values and the innovative approaches for developing these in heterogeneous group of students.

Objective of the programme:

1. Ability to explain Vision, Mission, Values of Institute and Content of Curriculum of programme in context of Human Values, Attitude and Ethics in view of future challenges.
2. Understand human personality and desirable behavior towards self, work, family, society and world in the light of development of a holistic perspective towards life and profession.
3. Appreciate the importance of values, attitudes and ethics in their as well students life to ensure success in profession and happiness in life, which are the core aspirations of all human being.
4. Ability to analyze personal profile, role efficacy, organizational culture and values for transforming self and role of students to lead a value based life.
5. Ability to understand the concept of human /life/ work values, attitudes and their development in the organization
6. Ability to analyze organizational culture and suggest changes for making it value based and highly productive.
7. Ability to use right Taxonomy and innovative approach for developing Human values in heterogeneous group of students.

Harpreet kam (Coordinator)
Associate Prof. (Physics)
Guru Nanak Dev. Engg. College
Ludhiana-141006



 **Guru Nanak Dev Engg. College, L**
(An Autonomous College Under UGC Act-1956 [univ 2(f)] and
Faculty Development Prog
Universal Human Values Development in St
Curriculum Management
In Association with NITTTR, CH
18th to 20th April 2016
Organised By: Applied Sciences D



Guru Nanak Dev Engg. College, Ludhiana

(An Autonomus College Under UGC Act-1956 [u/s 2(f) and 12(B)])



**Faculty Development Program on
Universal Human Values Development in Students through
Curriculum Management**

In Association with NITTTR, Chandigarh

18th to 20th April 2016

Organised By: Applied Sciences Department





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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

HARMEET SINGH GILL

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

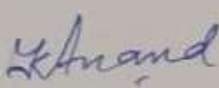
from

18.04.2016 to 20.04.2016

at

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




Coordinator


HOD


Director



292/16

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

MINISTRY OF HUMAN RESOURCES 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*

**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)**




Coordinator


HOD


Director



278/16

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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RANJIT SINGH

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

Prog. No. 8

Title : Advances in OFC Technology

Date : 25/04/2016 - 29/04/2016



230/16

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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

AMEETA SEEHRA, ASSOCIATE 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





228/16

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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that
NARWANT SINGH GREWAL, 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

11

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH
SECTOR 26, CHANDIGARH-160 019

DEPARTMENT OF APPLIED SCIENCE

Term Course **Advances in OFC Technology**

April, 2016

Venue: **Guru Nanak Dev Engg. College, Ludhiana - Pb.**

OPLAN No. ID-3

ATTENDANCE SHEET:

Sr. No.	Name with Designation (in Block Letters)	Name of Institution (in Block Letters)	25/04	26/04	27/04	28/04	29/4/16	NAME IN HINDI	Govt.
			M E	M E	M E	M E	M E		
1.	PADMA DEVI, ASSISTANT PROFESSOR	CTIEMT						पद्मा देवी	Pvt. 84272
2.	Harmandir Daul AP	GNDEC, Ldh.						हरमंदर दाँल	Govt. 89686
3.	Rajan Miglani AP	LPU.						राजन मिगलानी	Pvt. 97498
4.	Paramdeep Singh AP	L.P.U.						परमदीप सिंह	Pvt. 99882
5.	Gurjit Singh AP	L.P.U., Jalandhar						गुरजीत सिंह	Pvt. 98888
6.	Chahat Jain ASSISTANT PROFESSOR	GNDEC, Ldh						चाहत जैन	Govt. 7837
7.	Gurpreet Kaur AP	GNDEC, Ldh						गुरपूरनੀत कौर	Govt. 99888
8.	Ravneet Kaur AP	G.N.D.E.C., Ldh						रवनीत कौर	Pvt. 95011
9.	BINDIA TARIKA AP	GNDEC, Ldh						बिंदिया तारिका	90230
10.	Gurpreet Kaur A-P	LCET, Ldh						अमनजीत कौर	Pvt. 85581

**NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH
SECTOR 26, CHANDIGARH-160 019**

DEPARTMENT OF APPLIED SCIENCE

Name of Short Term Course Advances in OFC Technology

W.E.F. 25-29 April, 2016

Venue: Guru Nanak Dev Engg. College, Ludhiana - Pb.

OPLAN No. ID-3

ATTENDANCE SHEET:

Sr. No.	Name with Designation (in Block Letters)	Name of Institution (in Block Letters)	25/04 M E	26/04 M E	27/04 M E	28/04 M E	29/04/16 M E	NAME IN HINDI	Govt
11.	JUGMINDER KAUR AP	GNDCT, Ldh	✓	✓	✓	✓	✓	जुगमिंदर कौर	Govt 964645
12.	Harmander Kaur AP	GNDCT, Ldh	✓	✓	✓	✓	✓	हरमिंदर कौर	Govt 981100
13.	NAVNEET KAUR AP, Deptt of ECE	GNDCT, Ldh	✓	✓	✓	✓	✓	नवनीत कौर	Govt 8283
14.	KIRANDEEP KAUR AP, Deptt of ECE	GNDCT, Ldh	✓	✓	✓	✓	✓	किरणदीप कौर	Govt 964641
15.	NISHU KANSAL AP, Deptt of ECE	GNDCT, Ldh	✓	✓	✓	✓	✓	निशु कंसल	Govt 73076
16.	SIMRANJIT KAUR AP, Deptt of ECE	GNDCT, Ldh	✓	✓	✓	✓	✓	सिमरनजीत कौर	Govt 981103
17.	SAPANJIT KAUR AP, Deptt of ECE	GNDCT, Ldh	✓	✓	✓	✓	✓	सापनजीत कौर	Govt 814409
18.	Rupinder Kaur AP, Deptt of IT	GNDCT, Ldh	✓	✓	✓	✓	✓	रुपिंदर कौर	Govt 981102
19.	Lovepreet Kaur LOVEPREET KAUR AP, DEPT IT.	GNDCT, Ldh	✓	✓	✓	✓	✓	लवप्रीत कौर	Govt 814401
20.	HARJOT KAUR GILL AP, Deptt of IT	GNDCT, Ldh	✓	✓	✓	✓	✓	हरजीत कौर	Govt 981101

DEPARTMENT OF APPLIED SCIENCE

Name of Short Term Course Advances in OFC Technology

W.E.F. 25-29 April, 2016

Venue: Guru Nanak Dev Engg. College, Ludhiana - Pb.

OPLAN No. ID-3

ATTENDANCE SHEET:

Sr. No.	Name with Designation (in Block Letters)	Name of Institution (in Block Letters)	25/04		26/04		27/04		28/04		29/04/16		NAME IN HINDI	Govt
			M	E	M	E	M	E	M	E	M	E		
21.	GURJOT KAUR WALIA AP, ECE Dept. ^{WALIA}	GNDEC, LDH											गुरजीत कौर वालीया	Govt. 98881
22.	ANIL KUMAR (Assoc. Prof.)	LCET, Katani Kalan, Ludhiana											अनिल कुमार	Govt. 98168
23.	SUMEET KAUR SEHRA AP, CSE,	GNDEC, LUDHIANA											सुमीत सिंह शिखरा	Govt. 99140
24.	Sidharth Jain AP-IT	GNDEC LUDHIANA											सिद्धार्थ जैन	Govt. 9506
25.	SACHIN BANGHA	GNDEC, LDH											सचिन वर्मा	Govt. 97799
26.	NARVIND SINGH GURUWAL (AP)	GNDEC LDH											नरवन्त सिंह	Govt. 9855
27.	Jaspreet Kaur AP, ECE	GNDEC, LDH											जसप्रीत कौर	Govt. 98559
28.	AMEETA SEEHRA (ASSOC. PROF-ECE)	GNDEC, LDH											अमीता सीहरा	Govt. 95721
29.	RANJODH KAUR (ASS. PROF-IT)	GNDEC, LDH											रणजोय कौर	Govt. 9855
30.	MANJOT KAUR GILL (Assistant Prof., CSE)	GNDEC, LDH											मनजीत कौर	Govt. 94630

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH
SECTOR 26, CHANDIGARH-160 019
DEPARTMENT OF APPLIED SCIENCE

Name of Short Term Course

Advances in OFC Technology

W.E.F. 25-29 April, 2016

Venue: Guru Nanak Dev Engg. College, Ludhiana - Ph.

OPLAN No. ID-3

ATTENDANCE SHEET:

Sr. No.	Name with Designation (in Block Letters)	Name of Institution (in Block Letters)	25/04		26/04		27/04		28/04		29/04/16		NAME IN HINDI	Geo
			M	F	M	F	M	F	M	F	M	F		
31	ASSISTANT PROFESSOR MEHTAB SINGH	SATYAM INSTITUTE OF ENDS & TECH, AMRITSAR											ਮਹਿਤਾਬ ਸਿੰਘ	Ph-1 950146
32	Assistant Professor Rajveen	SJET Amritsar											ਰਾਜਵੀਰ	Ph-1 9929
33	Parinder Kaur Assistant Professor	GNDEC											ਰਵਿੰਦਰ ਕੌਰ	Ph-1 9876
34	Tarandeep Kaur Gill Assistant Professor	GNDEC											ਤਰਨਦੀਪ ਕੌਰ ਗਿੱਲ	Ph-1 9876
35	Neha Assistant Professor	GNDEC											ਨੇਹਾ	Ph-1 9779
36	Shivani Abrol Assistant Professor	GNDEC											ਸ਼ਿਵਾਨੀ ਅਬਰੋਲ	Ph-1 9915
37	HARMEEET SINGH GILL Assistant Professor	GNDEC											ਹਰਮੀਤ ਸਿੰਘ ਗਿੱਲ	Ph-1 9915
38	Harpreet Kaur Grewal Associate Prof.	GNDEC											ਹਰਪ੍ਰੀਤ ਕੌਰ ਗ੍ਰੇਵਾਲ	Ph-1 9876
39	Pandhri Singh Asst. Prof.	GNDEC											ਪਤਨਵੀਰ ਸਿੰਘ	Ph-1 987
40	Samrat Kaur Gopal	GNDEC											ਸਮਰਤ ਕੌਰ ਗੋਪਾਲ	Ph-1 981

DEPARTMENT OF APPLIED SCIENCE

Advances in OFC Technology

Venue: **Guru Nanak Dev Engg. College, Ludhiana – Pb.**

OPLAN No. ID-3

Sr. No.	Name with Designation (in Block Letters)	Name of Institution (in Block Letters)	25/04	26/04	27/04	28/04	29/4/16	NAME IN HINDI	Govt
			M E	M T	M E	M E	M E		
41.	NANZIA MARRAR ASSISTANT PROFESSOR	GNDEC, Ludhiana	Na	Na	Na	Na	Na	नाजीया मरकर	94151 Govt
42.	GURMUKH SINGH LAB SUPDT	GNDEC, Ludhiana	Gu	Gu	Gu	Gu	Gu	गुरमुख सिंह	95011 Govt
43	JASVIR SINGH LAB. Tech.	GNDEC, Ludhiana	Ja	Ja	Ja	Ja	Ja	जसवीर सिंह	9555 Govt
44	GURPREET KAUR Gill Assistant Professor	GNDEC, Ldh	Gu	Gu	Gu	Gu	Gu	गुरप्रीत कौर गिल	9568 Govt
45	Gurinder Singh AP	LCET Katani Kalan	Gu	Gu	Gu	Gu	Gu	गुरिंदर सिंह	99141 Private
46	KANWALJEET KAUR Assistant LAB TECH	GNDEC, Ldh GNDEC, Ldh	Ka	Ka	Ka	Ka	Ka	कनवलजीत कौर	9829 Govt
47	Gurmit Singh LAB TECH.	GNDEC Ldh	Gu	Gu	Gu	Gu	Gu	गुरमीत सिंह	9873 9878
48	GAGANDEEP KAUR LAB TECH	GNDEC Ldh	Gu	Gu	Gu	Gu	Gu	गगनदीप कौर	9878
49	GURSEWAH SINGH LAB TECH	GNDEC, Ldh	Gu	Gu	Gu	Gu	Gu	गुरसेवा सिंह	9878
50	SANDEEP SINGH LAB TECH.	GNDEC Ldh	San	San	San	San	San	संदीप सिंह	9614

Prog. No. 9

Title : Techonology and management for
electronic product design

Date : 02/05/2016 - 13/05/2016

Report on
Two week TEQIP sponsored FDP on "Technology and Management for Electronic Product Design" held from 2-13 May, 2016

Coordinator, TEQIP-II,

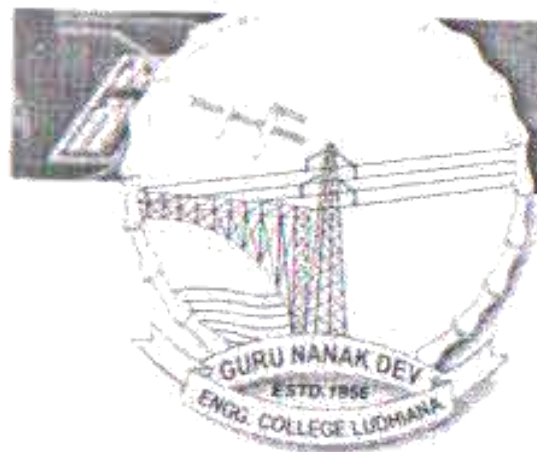
The department of Electronics and communication successfully organized two week FDP on "Technology and Management for Electronic Product Design" from 2-13 May, 2016. The course was inaugurated by worthy Chief Guest Dr. A.K. Paul, Vice Chancellor, DAV University Jalandhar. The aim of the course was to provide the knowledge regarding the subject of product design which has become highly relevant for academicians, engineers as well as aspiring entrepreneurs in view of Indian manufacturing sector in general and electronic industry in particularly. The electronic product design and management has become a very crucial process which needs to be considered for the long-term roadmap of the product in the dynamic market. The process of electronic product design requires a logical progression from a functional specification to the finished product. The functional specifications come from the analysis of the needs and expectations of the product which can be expressed as a set of design parameters.

The focus of the course was to provide the participants the advanced knowledge in the electronic product designing and its associated management issues. To accomplish this aim, first week of the course covered the topics like the basics of product design, innovation and creativity for product design, designing and development of embedded electronic product, designing of manufacturing, 3D printing, CAD/CAM, wearable antenna design and sensor fusion object tracking. For hand-on experience, practical sessions covered VHDL and CAD/CAM tools.

In the second week of the course, the design issues of electronics and communications systems like optical communication, MEMS, Sensors, Nanotechnology and reconfigurable antenna system has been covered. The few sessions of this week also discussed the topics such as the reliability and economics of product design, Electronic thermal management and hardware /software security aspect in electronic product design.

The total participants in the course were around 50. The resource persons from reputed institutions including IIT Roorkee, IIT Ropar, SLIET Longowal Sangrur, DRDO New Delhi and CSIO Chandigarh have shared their expertise among the participants.


Chief Coordinator



Department of Electronics and 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

Two Week Faculty Development Programme on
TECHNOLOGY AND MANAGEMENT FOR ELECTRONIC PRODUCT DESIGN

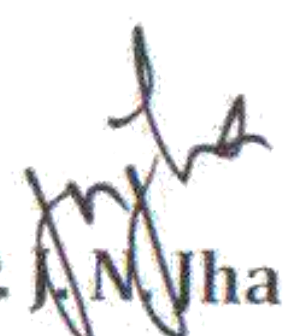
This certificate is awarded to *Ms./Mr./Dr.* Ameeta Seehra
of G.N.D.E.C., Ludhiana for being participation in Two Week Faculty
Development Programme on '**TECHNOLOGY AND MANAGEMENT FOR ELECTRONIC PRODUCT
DESIGN**' (TEQIP-II SPONSORED), held from May 2, 2016 to May 13, 2016, organized by Department
of Electronics and communication Engineering, Guru Nank Dev Engineering College, Ludhiana (Pb.)

6


Er. Narwant Singh Grewal
Coordinator


Dr. Munish Rattan
Coordinator


Dr. Sandeep Singh Gill
Chief Coordinator


Dr. J.N. Jha
TEQIP-II Coordinator

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

No. E/258

Dated: 29.4.16

Director

Sir,

Please allow following faculty members to attend TEQIP-II Sponsored Twelve days FDP on "Technology and Management for Electronic Product Design" organized by Department of Electronics & Communication Engineering on May 2, 2016 to May 13, 2016. Recommendation forwarding from respective HODs has been received.

1. Er. Ameeta Seehra, Assoc.Prof,ECE
2. Er. Narwani Singh Grewal, Asstt. Prof,ECE
3. Er. Munish Rattan, Asstt. Prof,ECE
4. Er. Baljeet Kaur,Asstt. Prof,ECE
5. Er. Balwinder Singh Dhaliwal, Asstt. Prof,ECE
6. Er. Vivek Thapar, Asstt. Prof, CSE
7. Mrs. Amanjot Kaur Gill, Asstt. Prof,MBA
8. Er. Prashant Garg, Asstt. Prof, CE
9. Er. Harminder Kaur, Asstt.Prof, ECE
10. Er. Gurjot Kaur Walla, Asstt. Prof,ECE
11. Er. Navneet Kaur, Asstt. Prof, ECE
12. Er. Kuldeepak Singh, Asstt. Prof,ECE
13. Er. Daljit Singh, Asstt. Prof,ECE
14. Er. Gurbuneet Kaur, Asstt. Prof,ECE
15. Er. Chahat Jain, Asstt. Prof, ECE
16. Er. Harminder Kaur Aulakh, Asstt. Prof,ECE
17. Er. Jasmeet Kaur,Asstt. Prof, ECE
18. Er. Saparjot Kaur, Asstt. Prof, ECE
19. Er. Simranjit Kaur, Asstt. Prof, ECE
20. Er. Jaspreet Kaur, Asstt. Prof, ECE
21. Er. Naazia Makkar, Asstt. Prof, ECE
22. Er. Kirandeep Kaur, Asstt. Prof, ECE
23. Er. Nishu Kansal, Asstt. Prof, ECE
24. Er. Ranjodh Kaur,Asstt. Prof, IT
25. Mrs. Gagandeep Kaur, Asstt. Prof, App.Sci
26. Ms. Mandeep Kaur, Asstt. Prof, App.Sci
27. Ms. Rupinder Kaur, Asstt Prof, App.Sci
28. Er. Kanwalpreet Sahni,Asstt.Prof.Prod

MA

Allowed/ Not allowed



Director

  
C.E. AR (H/S) D (Act)

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

No. E/234

Dated:- 28.4.16

Director

Sir,

Please allow following faculty members to attend TEJ/JP-II Sponsored Twelve days FDP on "Technology and Management for Electronic Product Design" organized by Department of Electronics & Communication Engineering on May 2, 2016 to May 13, 2016. Recommendation for forwarding from respective HODs has been received.

1. Dr. D.S. Pathania, Professor (App.Sci.) ✓
2. Dr. Harpreet Kaur Grewal, Assoc. Prof (App.Sci.) ✓
3. Dr. Amarpreet Kaur Sodhi, Asstt. Prof (App.Sci.) ✓
4. S. Randhir Singh, Asstt. Prof (App.Sci.) ✓
5. Mrs. Pragya, Asstt. Prof (App.Sci.) ✓
6. Mrs. Poojai Narang, Asstt. Prof (App.Sci.) ✓
7. Mrs. Rajbir Kaur, Asstt. Prof (App.Sci.) ✓
8. Dr. Parminder Singh, Assoc. Prof (CSE) ✓
9. Dr. Kulwinder Singh Mann, Assoc. Prof (IT) ✓
10. Er. Jasbir Singh Saini, Assoc. Prof (CC) ✓
11. Dr. Amit Kamra, Asstt. Prof (IT) ✓
12. Dr. Kiran Jyoti, Asstt. Prof (IT) ✓
13. Dr. Manpreet Singh, Asstt. Prof (IT) ✓
14. Dr. Ajay Shiv Sharma, Asstt. Prof (IT) ✓
15. Er. Pankaj Bhambri, Asstt. Prof (IT) ✓
16. Er. Kamaljit Kaur, Asstt. Prof (IT) ✓
17. Er. Sandeep Kumar Singh, Asstt. Prof (IT) ✓
18. Er. Karan Singh, Asstt. Prof (W Shop) ✓
19. Er. Ravinder Kaur, Asstt. Prof (EE) ✓
20. Er. Harmeet Singh Gill, Asstt. Prof (EE) ✓
21. S. Sukhminder Singh, Asstt. Prof (App.Sci.) ✓
22. Mrs. Gurpreet Kaur, Asstt. Prof (App.Sci.) ✓
23. Mrs. Harpreet Kaur, Asstt. Prof (App.Sci.) ✓
24. Mr. Karan Bhullar, Asstt. Prof (App.Sci.) ✓
25. Er. Rohit Sharma, Asstt. Prof (Prod) ✓
26. Er. Manjot Singh Bedi, Asstt. Prof (Prod) ✓
27. Er. Manjot Kaur Gill, Asstt. Prof (CSE) ✓
28. Er. Mandeep Kaur, Asstt. Prof (CSE) ✓
29. Er. Amandeep Kaur, Asstt. Prof (CSE) ✓
30. Er. Geetika, Asstt. Prof (CSE) ✓
31. Er. Gagandeep Kaur Gill, Asstt. Prof (CSE) ✓
32. Er. Kapil Sharma, Asstt. Prof (CSE) ✓
33. Er. Shivani Ahluwalia, Asstt. Prof (EE) ✓
34. Er. Gurpreet Kaur, Asstt. Prof (EE) ✓
35. Er. Tarandeep Kaur, Asstt. Prof (EE) ✓
36. Er. Samreet Kaur, Asstt. Prof (EE) ✓
37. Er. Neha, Asstt. Prof (EE) ✓

Allowed/ Not allowed


Director

Prog. No. 10

Title : Research methods for engineers

Date : 31/05/2016 - 04/06/2016

Guru Nanak Dev Engineering College, Ludhiana

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

Department of Mechanical Engineering

Consolidated report on Faculty development program

The faculty development program was organized by the mechanical engineering department on dated, 31st May, 2016 to 4th June, 2016 under the guidance of Director GNDEC Ludhiana & Head of the dept. Mechanical engineering GNDEC Ludhiana (sponsorship by TEQIP-II) on topic **Research methods for engineers**. The programme was designed especially for the faculty & researcher in different fields of mechanical engineering.

The experts from IIT's, NIT's & other reputed institutions were delivered lectures followed by practice sessions on relevant software's. About forty participants from all regions were successfully attended this programme and enhanced their knowledge theoretically as well as practically. The expertise mainly focussed on the practical sessions so that the researcher and academicians took the required benefits.

Objective of the programme

1. To enhance the capabilities of teaching faculty in the domain to choose better research methods for their research applications.
2. Practice on software applications like SPSS & MINI TAB.

Sessions of the programme

Session I:	09:30 a.m. TO 11.00 a.m.
	Tea break (11:00 a.m. to 11:45a.m.)
Session II:	11:15 a.m. TO 12.45 p.m.
	Lunch (12:45 p.m. to 01:30 p.m.)
Session III:	01:30 p.m. TO 03.00 p.m.
	Tea break (3:00 p.m. to 03:15p.m.)
Session IV:	03:15 p.m. TO 4.45 p.m.



Key points of the programme

- Introduction to engineering research
- Literature review
- Statistical analysis
- Optimization techniques
- Simulation modeling
- Survey methods
- Experimental techniques
- Design of experiments
- Research communication
- Practical sessions on different software's

Programme schedule & topic covered

		Speaker's	Contents
Day1	Session1 Registration & inauguration	Dr. Sehijpal Singh	Introduction about FDP
		Dr. A.P. Singh(Dean P.T.U)	Applications of research
		Dr. M.S. Saini(Director GNDEC)	Advancement in engineering and innovation
	Session 2	Dr. J.S. Khamba (Director COE Pbi. Uni.)	Introduction to engineering research. • What is research? • Criteria for good research • Problems in research • Research process • Research design and methodology Etc.



	Session 3	Dr. Seema Sharma.(IIT Delhi)	Hypothesis testing •ANOVA and MANOVA. •One-Way ANOVA •Factorial design
	Session 4	Dr. Seema Sharma.(IIT Delhi)	Hypothesis testing •Two way ANOVA •Hypothesis testing •Null Hypothesis •Alternative Hypothesis
Day 2	Session1	Dr. M.K. Barua(IIT Roorkee)	Multi Variate analysis(part-1) •Factor analysis •Factor analysis design process •Rotational approach
	Session2	Dr. M.K. Barua(IIT Roorkee)	Multi Variate analysis(part-1) •Scree test for HBAT •component analysis •Two sample test and ANOVA
	Session 3	Dr. Khushdeep Dharni.(PAU, Ludhiana)	Data analysis by SPSS, And excel sheet.
	Session 4	Dr. Khushdeep Dharni.(PAU, Ludhiana)	Hand on experience on excel sheet
		Dr. Harwinder singh.(GNDEC)	Implementation of ANOVA. •Statistical techniques
Day 3	Session1	Dr. R.K .Garg(NIT Jalandhar)	Design of experiments. •Design of Experiments (DOE) •Basic Idea •Factorial Design
	Session2	Dr. R.K .Garg(NIT Jalandhar)	Design of experiments. •Fractional Factorial Design •Simple Design



	Session 3	Dr. Harkesh Kumar Kansal.(UIET PU)	Hand on experience on DOE software's •Taguchi techniques. •RSM.
	Session 4	Dr. Harkesh Kumar Kansal.(UIET PU)	Hand on experience on DOE software's •Mini tab 16.0
Day 4	Session 1	Dr. Jagwinder singh (NIT Jalandhar)	Multi Variate analysis(part-II) •Cluster Analysis •Discriminant analysis.
	Session 2	Dr. Jagwinder singh (NIT Jalandhar)	Multi Variate analysis(part-II) •Factor analysis on SPSS. •Multiple regression
	Session 3	Dr. Inderdeep singh.(IIT Roorkee)	Imaging as a research tool •Finite modelling and analysis. •Introduction about Composite.
	Session 4	Dr. Inderdeep singh.(IIT Roorkee)	Imaging as a research tool •Applications of composites
Day 5	Session 1	Dr. Rupinder Singh (GNDEC Ludhiana)	Research communication funding opportunities.
	Session 2	Dr. Rupinder Singh (GNDEC Ludhiana)	Research communication funding opportunities. •Funding agencies in India.
		Dr. S.P.Singh(IIT Delhi)	Modeling & Simulation. Simulation based engineering.
	Session 3	Dr. Akshay Girdhar(GNDEC)	Handling Plagiarism issues in research.
		Dr. Sehijpal singh.(GNDEC)	Basics of research paper writing and publishing •Hourglass Model •Basics of research paper



			•Writing and publishing of technical paper
	Session 4	Dr. Pardeep kumar.(IIT Roorkee)	Taguchi methods •Applications of research methods

Organizing Committee

Patron

Prof. (Dr.) M.S. Saini (Director)

Chief Co-ordinator

Prof. (Dr.) Sehijpal Singh (HOD)

Coordinators

Prof. (Dr.) Harwinder Singh

Prof. (Dr.) Paramjit Singh

Co- Coordinators

Prof. Ardamanbir Singh

Prof. Aprinder Singh

Organizing committee (Faculty GNDEC Dept. of ME)

Lidhu
co-coordinator

H
Co-ordinator



FDP; Research methods for engineers (31st May to 4th June 2016)



Inaugural Function: Sitting on On Dias: L toR): Dr Harwinder Singh (Professor Mechanical- Course Coordinator) , Dr Sehijpal Singh (HOD Mechanical Engg Deptt), Dr.JS Khmaba Director UIET, Pbi. University (Guest of Honor), Dr.A.P Singh, Dean Research IKGPTU, (Chief Guest), Dr.M.S Saini, (Director GNDEC), Dr.J.N Jha, (TEQIP Coordinator), Dr P.S Bilga, (Professor Mechanical Engg)



Felicitation of Chief Guest by Director GNDEC



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. Anderjit 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 31st May, 2016 to 4th June, 2016 under TEQIP- II,

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

Sd/-
Activity Co-ordinator

[Signature]
Co-ordinator TEQIP-II

[Signature]
Director

Attendance Sheet

Research Methods for Engineers (31/05/2016 to 04/06/2016)

Sr no	Name	Sign
1	Gurwant Singh Gill	Gurwant Singh Gill
2	Gulvir Singh	Gulvir Singh
3	Harnam Singh Farwaha	Harnam Singh
4	Jagjit Kaur	Jagjit Kaur
5	Chatwant Singh	Chatwant Singh
6	Amrinder Singh Pannu	Amrinder Singh Pannu
7	Suhel	Suhel
8	Samriti	Samriti
9	Pardeep Kumar	Pardeep Kumar
10	Harjot	Harjot
11	Pardeep	Pardeep
12	Kuldeep Kumar	Kuldeep Kumar
13	Harjinder Singh	Harjinder Singh
14	Harkomaldeep	Harkomaldeep
15	Samdeep Kaur	Samdeep Kaur
16	Harjit Singh	Harjit Singh
17	Harwinder Singh	Harwinder Singh
18	Partap Singh	Partap Singh
19	Jagjot Singh	Jagjot Singh
20	Rupinderjit kaur	Rupinderjit kaur
21	Karanveer	Karanveer
22	Sukhraj Singh	Sukhraj Singh
23	Dev Kumar	Dev Kumar
24	Parampreet	Parampreet

25	Riya Kumari	Riya Kumari
26	Jagatjot	Jagatjot
27	Gurjant Singh	Gurjant Singh
28	Harveer	Harveer
29	Puneetpal	Puneetpal
30	Jagwinder Singh	Jagwinder Singh
31	Lata Kumari	Lata Kumari
32	Jatinder Singh	Jatinder Singh
33	Riya Bansal	Riya Bansal
34	Pawandeep	Pawandeep
35	Jotpreet	Jotpreet
36	Kulvir Singh	Kulvir Singh
37	Harkomal	Harkomal
38	Jagjeevanpal	Jagjeevanpal
39	Jagatveer	Jagatveer
40	Jagdev Singh	Jagdev Singh
41	Gurjot Kaur	Gurjot Kaur
42	Heena Malhotra	Heena Malhotra
43	Sapna	Sapna
44	Harwinder Singh	Harwinder Singh
45	Hardeep Kumar	Hardeep Kumar

YEAR 2016-2017

Prog. No. 11

Title : Solid Waste Management in Indian Cities
–Issues & Concerns

Date : 23/08/2016 - 27/08/2016

Coordinator report of FDP titled 'Solid Waste Management in Indian Cities- Issues and Concerns'

Department of Civil Engg. organized a faculty development program titled 'Solid Waste Management in Indian Cities- Issues and Concerns' from August 25-August 27, 2016. A total of forty participants attended the course which consisted the faculty members from the engineering colleges and universities, staff of government departments and research scholars. A total of 13 expert lectures were delivered by the resource persons from institutes like, PAU, Ludhiana, IIT Delhi, PEC Univ. of Tech., Chandigarh, Central Univ. of Punjab, Bathinda, Thapar Univ., Patiala, PGU, Chandigarh, GNDEC, Amritsar and GNDEC, Ludhiana. A visit to Hazardous waste management Facility, Nisbaa (Dera Bassi) was also organized for the participants to get the first hand information about the handling, treatment and disposal of hazardous waste in sanitary landfills.


(Preet Pal Singh)
Course Co-ordinator

Solid Waste Management in Indian Cities – Issues and Concern
(August 23-27th, 2016)



Illustration 1: Solid Waste Management in Indian Cities – Issues and Concern (2016)



Illustration 2: Solid Waste Management in Indian Cities – Issues and Concern (2016)

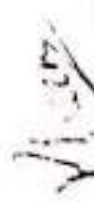


An Autonomous College w/e 1997 & 1998 of UET Act-1987
Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. GURPUNEET SINGH
of GND EC, Ludhiana for participation in workshop Semester
✓ FIP / SDP / Training on the subject title - Town & Green Engineer
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

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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 /

Solid Waste Management in Indian
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.

Shweta
Activity Co-ordinator

Adarsh
Co-ordinator TEQIP-II

Dr. P. S. Chahal
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 CINDEC, 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.

Khemi
Activity Co-ordinator

Director
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. MANDEEP KAUR

of CNDEC, 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.

Sheena
Activity Co-ordinator

Man
Co-ordinator TEQIP-II

Man

Director

TEQIP II



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. RASHJOT SINGH

of CNDEC, Ludhiana for participation in workshop / Seminar /

Solid Waste Management in
FDP / SDP / Training on the subject Indian Cities Towns & Local Bodies

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.

Khary
Activity Co-ordinator

W. S.
Co-ordinator TEQIP-II

Sh
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. Rupinder Singh Liti

of GNDEC, Ludhiana for participation in workshop / Seminar /

Solid Waste Management in India
FDP / SDP / Training on the subject litis - 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.

Waz
Activity Co-ordinator

Waz
Co-ordinator TEQIP-II

Waz
Director

TEQIP II



TEQIP II

Guru Nanak Dev Engineering College

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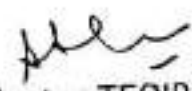
Gill Park, Gill Road, Ludhiana-141006, Punjab (India)

Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. AMANDEEP SINGH GILL
of GYNDEC, 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

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

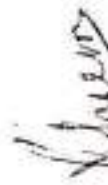
of GNDCT, Ludhiana for participation in workshop / Seminar /

✓ 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

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



Certificate of Participation

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

of CNDEC, Ludhiana for participation in workshop / Seminar /

Solid Waste Management in

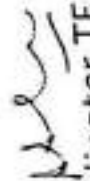
☒ FDP / SDP / Training on the subject Indian Cities- Issues & Concerns Organized

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

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. CHARNJEET SINGH

of CNDEC, 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.

Sheer
Activity Co-ordinator

pal
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

TEQIP II

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

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.

Shweta
Activity Co-ordinator

Neeraj
Co-ordinator TEQIP-II

Shweta

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. GURDEEPAK 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.

Shweta
Activity Co-ordinator

Shweta
Co-ordinator TEQIP-II

Shweta
Director

TEQIP II

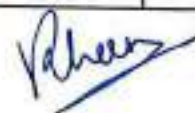
Short Term Training Program
Solid Waste Management in Indian Cities- Issues and Concerns
 August 23rd – 27th, 2016

List of Participants

S.No.	Name	Organization	Mail Id	Contact No.
1.	Dr. Debi Prasad Tripathy	NIT Rourkela	dptripathy@nitrkl.ac.in	0661-2462608
2	Ms. Prabhddeep Kaur	Gian Jyoti Group of Institution, Banur	prabh.kaur18@gmail.com	9878979613
3.	Ms. Amanpreet Kaur	Chandigarh University, Gharuan, Mohali	kaur.amanpreet10@gmail.com	8968826262
4.	Ms. Meenakshi Jatayan	PEC University of Technology, Chandigarh	m.jatain@gmail.com	9501351916
5.	Ms. Rishi Rana	Jaypee University of Information and Technology, Wakhnaghat, Solan, Himachal Pradesh	rishi.rana1@gmail.com	9417527987
6.	Mr. Madan Kumar	Municipal Council, Mehatpur, Distt. Una (HP)	mkunahp@gmail.com	9816475609
7.	Mr. Karamjot Singh	BBSBEC, Fatehgarh Sahib	karamjot.singh@bbsbec.ac.in	9878106884
8.	Mr. Puneet Sharma	Chandigarh University, Gharuan, Mohali	puneetwidcgc@gmail.com	7837202100
9.	Mr. Deepak Kumar	Guru Ram Das Institute of Engineering & Technology, Lehragaga, Bathinda	civil151001@gmail.com	9463311362
10.	Mr. Tarun Sharma	Chandigarh University, Gharuan	tarun.23007@gmail.com	9878244443
11..	Ms. Kirti Goyal	Lovely Professional University, Jalandhar	kirti.18546@lpu.co.in	9646329259
12.	Mr. Anoop Bhardwaj	Lovely Professional University, Jalandhar	anoop.18652@lpu.co.in	9780518652

Rheas

13.	Dr. Maninder Pal Singh	GNDU, RC, Sathiala	mpsdhulka@gmail.com	8284050007
14.	Ms. Prabhjot Kaur	GNDEC, Ludhiana	singh93kaur@gmail.com	9888470799
15.	Ms. Bindia Tarika	GNDEC, Ludhiana	bindiatarika11@gmail.com	9023020301
16.	Ms. Ravneet kaur	GNDEC, Ludhiana	ravneet.8909@gmail.com	9501137711
17.	Mr. Ranjodh Singh	DAV University, Jalandhar	ranjodh6051@gmail.com	9872465866
18.	Mr. Rohin Kaushik	DAV University, Jalandhar	rohin.pb10@gmail.com	9463024500
19.	Mr. Sukhjit Singh Seehra	GNDEC, Ludhiana	sukhjitsehra@gmail.com	9855959200
20.	Mr. Manpreet Singh Bedi	DAVIET, Jalandhar	manpreetsinghbedi@gmail.com	8283840304
21.	Mr. Arshjot Singh	BBSBEC, Fatehgarh Sahib	arshjot.singh@bbsbec.ac.in	9876513211
22.	Mr. Kulwant Singh	Punjabi University Campus, Damdama Sahib	kulwantsingh6006@gmail.com	9876401701
23.	Ms. Heena Malhotra	PEC University of Technology, Chandigarh	malhotraheena16@gmail.com	9780435356
24.	Mr. Pardeep Singh	GNDEC, Ludhiana	pardeeprohla@yahoo.com	9779815920
25.	Mr. Kashish Jain	GNDEC, Ludhiana	jain.kashish70@yahoo.com	9803807423
26.	Mr. Kulwinder Singh	GNDEC, Ludhiana	gill.kulwindersingh@yahoo.in	9878841740
27.	Ms. Inderpreet Kaur	GNDEC, Ludhiana	inderdhindsa@gmail.com	9878190300
28.	Mr. Gurdeepak Singh	GNDEC, Ludhiana	civil.gne@gmail.com	9855965901
29.	Mr. Prashant Garg	GNDEC, Ludhiana	prashant.ced@gmail.com	9914313435



30.	Ms. Rajinderpal kaur	GNDEC, Ludhiana	rubu.pandher@yahoo.com	8437598446
31.	Mr. Amandeep Singh Gill	GNDEC, Ludhiana	engg.amangill@yahoo.com	7087631549
32.	Mr. Prabhjot Singh Pannu	GNDEC, Ludhiana	prabhjotpannu007@gmail.com	9988991633
33.	Mr. Amandeep Singh	GNDEC, Ludhiana	as.gndec@gmail.com	9417398110
34.	Mr. Charnjeet Singh	GNDEC, Ludhiana	charnjeet1989@gmail.com	9465196630
35.	Ms. Gagandeep Kaur Grewal	GNDEC, Ludhiana	gagandeepgrewal17@gmail.com	9878208394
36.	Mr. Yuvraj Singh	GNDEC, Ludhiana	uvraj_23@yahoo.co.in	9815830889
37.	Ms. Pritpal Kaur Gill	GNDEC, Ludhiana	pritspalkaurgill@yahoo.in	8427706043
38.	Ms. Mandeep Kaur	GNDEC, Ludhiana	k_mandeep91@yahoo.com	9855059898
39.	Ms. Tanu	GNDEC, Ludhiana	tanugarg6141@gmail.com	9464118379
40.	Mr. Bhupinder Singh	GNDEC, Ludhiana	bswalia1122@gmail.com	8528097373
41.	Mr. Gurbuneet Singh	GNDEC, Ludhiana	gurbuneetsidhu@hotmail.com	9872612464


 Assistant Professor
 Civil Engineering Deptt.
 Guru Nanak Dev Engg. College,
 Coordinator
 Short Term Training Program

Solid Waste Management in Indian Cities- Issues and Concerns

Prog. No. 12

Title : Design of machine elements using
NASTRAN software

Date : 16/09/2016 - 17/09/2016



TEQIP II

Guru Nanak Dev Engineering College

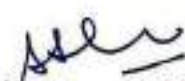
An Autonomous College u/s [2(f) & 12(B)] of UGC Act -1956

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

Certificate of Participation

This certificate is awarded to Dr./ Mr./ Ms. Amrinder Singh Pannu
of GNDEC, Ludhiana for participation in workshop / Seminar /
FDP / SDP / Training on the subject Design of Machine Elements Organized
Using NASTRAN Software
by Mechanical Engineering Department / Branch / Section
from 16/09/2016 to 17/09/2016 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

Attendance Sheet

Design of Machine Elements using Nastran Software (16/09/2016 to 17/09/2016)

Sr no	Name	Sign
1	Harjot	Harjot
2	Gundeep Singh	Gundeep Singh
3	Kamldeep	Kamldeep
4	Harjinder Singh	Harjinder Singh
5	Jagdeep Singh	Jagdeep Singh
6	Hardeep	Hardeep
7	Sahil Bansal	S. Bansal
8	Jeevanjot	Jeevanjot
9	Harmanjot	Harmanjot
10	Harkeerat Singh	H. S. Singh
11	Komal	Komal
12	Jyoti Verma	Jyoti Verma
13	Harjap Singh	Harjap Singh
14	Harmanjot	Harmanjot
15	Kuldeep Kumar	Kuldeep Kumar
16	Harjinder Singh	Harjinder Singh
17	Ishpreet Kaur	Ishpreet Kaur
18	Harmeet Singh	Harmeet Singh
19	Harminder	Harminder
20	Satwant Singh	Satwant Singh
21	Neha	Neha
22	Manjot Singh	Manjot Singh
23	Parminderjeet	Parminderjeet
24	Rupinder Singh	R. S. Singh
25	Prajwal	Prajwal
26	Harmeet Singh	Harmeet Singh

27	Parampreet	Parampreet
28	Jagpreet	Jagpreet
29	Hardev Singh	Hardev Singh
30	Manchanda	Manchanda
31	Rahul Kumar	Rahul Kumar
32	Sohel Bansal	Sohel Bansal
33	Jagvir Singh	Jagvir Singh
34	Paramjot Singh	Paramjot Singh
35	Jatinder Singh	Jatinder Singh

Prog. No. 13

Title : Emerging technologies and advancements
in energy sector

Date : 17/10/2016 - 22/10/2016



GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



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

CERTIFICATE OF PARTICIPATION

It is certified that RAVINDER KAOR 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 27th Nov. 2017 to 01st Dec. 2017.

COURSE COORDINATOR

HOD (EE)

PRINCIPAL

Prog. No. 14

Title : Effective teaching pedagogy and research methodology

Date : 17/03/2017 - 18/03/2017

Workshop on "Effective Teaching Pedagogy and Research Methodology" on March 17-18, 2017

Receipt of Certificates:

S.NO.	Name of the Candidate	Signature
1	Dr. Kiron Typhi	[Signature]
2	Karnaljit Kaur Dhillon	[Signature]
3	Manjot Kaur Gill	[Signature]
4	Chahat Jain	[Signature]
5	Narmeet Kaur	[Signature]
6	Harmindee Rand	[Signature]
7	Gurpreet Kaur	[Signature]
8	Dr. Amit Kumar	[Signature]
9	Dr. K.S. Mann	[Signature]
10	PARVAT Bhatnagar	[Signature]
11	ATAR SINGH SARDHA	[Signature]
12	MANPREET SINGH	[Signature]
13	M.S.M. KANSAL	[Signature]
14	Gurjit Kaur	[Signature]
15	Belwinder Singh Phalwal	[Signature]
16	NAAZIA MAHAR	[Signature]
17	Harmindee Rand	[Signature]
18	Jaspreet Kaur	[Signature]
19	Geetika	[Signature]
20	Gagandeep Kaur Gill	[Signature]
21	Kapil Sharma	[Signature]
22	Heemesh Singh Gill	[Signature]
23	Narmeet Singh Bhargy	[Signature]
24	Arneet Salaria	[Signature]
25	Narwant Singh Grewal	[Signature]
26	Sandeep Singh Grewal	[Signature]
27	Anamika Kaur Grewal	[Signature]

28.	Jasmeet Kaur	Haur
29.	MUNISH RATTAN	Munish Rattan
30.	JASBIR SINGH KAINI	J
31.	KANWAL PREET SAHNI	Q Sahni
32.	DANISH SENCU	h
33.	baljant Kaur	Donk
34.	RUPINDER TIT SINGH	Rm
35.	AMANPREET KAUR SODHI	Amber
36.	Ragya	Ragya
37.	Rashant Garg	deef
38.	Rajbir Kaur	Gibbs
39.	Arind singh	Arind
40.	Sukhinder Singh	Sukh
41.	Jaran Bralle	KB
42.	Harpreet Kaur	Harpreet
43.	Amandeep Kaur	Amandeep
44.	Parvinder Singh	Parvinder
45.	Mandeep Kaur	M
46.	Vivek Thapar	Vivek Thapar
47.	Rangem Kaur	Rangem
48.	Sandeep Kaur Singh	Sandeep
49.	Harpreet Kaur (App.Sci)	Harvir Singh (EEF class)
50.		



Expert Dr. Vidhu Mohan, PU Chandigarh, during the session



Guru Nanak Dev Engineering College, Ludhiana

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



TEQIP-II Sponsored TWO DAY WORKSHOP

On

EFFECTIVE TEACHING PEDAGOGY & RESEARCH METHODOLOGY

March 17, 2017 to March 18, 2017

Organised By

Department of Electronics & Communication Engineering

YOU ARE
CAMERA S





Coordinator honouring the session expert Dr. Arvind Dhingra, GNDEC, Ludhiana



Dr. J.S.Saini, DCRUST Murthal, Expert of the session



Participants during the session



Dr. Harwinder Singh, GNDEC Ludhiana delivering expert talk



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GILL PARK, GILL ROAD, LUDHIANA - 141006 (PUNJAB) INDIA

TEQIP-II Sponsord Two Day Workshop

On

"EFFECTIVE TEACHING PEDAGOGY AND RESEARCH METHODOLOGY"

(MARCH 17-18, 2017)

This is to certify that Mr./Ms. CHAHAT JAIN has

participated in two day workshop on 'Effective Teaching Pedagogy and Research Methodology'

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

College, Ludhiana, held on March 17-18, 2017.


Dr. S. S. Gill
Chief Co-ordinator

22

Dr. M. S. Saini
Director



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GILL PARK, GILL ROAD, LUDHIANA - 141006 (PUNJAB) INDIA

TEQIP-II Sponsord Two Day Workshop

On

"EFFECTIVE TEACHING PEDAGOGY AND RESEARCH METHODOLOGY"

(MARCH 17-18, 2017)

This is to certify that Mr./[✓]Ms. HARMINDER KAVA has

participated in two day workshop on "Effective Teaching Pedagogy and Research Methodology"

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

College, Ludhiana, held on March 17-18, 2017.


Dr. S. S. Gill
Chief Co-ordinator


Dr. M. S. Saini
Director



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AICTE Approved, Punjab Govt. Aided Status - Affiliated to I.K. Gujral PTU Jalandhar, ISO : 9001:2008 Certified

GILL PARK, GILL ROAD, LUDHIANA - 141006 (PUNJAB) INDIA

TEQIP-II Sponsord Two Day Workshop

On

"EFFECTIVE TEACHING PEDAGOGY AND RESEARCH METHODOLOGY"

(MARCH 17-18, 2017)

This is to certify that Mr./Ms. SIMRANJEET KAUR has

participated in two day workshop on "Effective Teaching Pedagogy and Research Methodology"

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

College, Ludhiana, held on March 17-18, 2017.


Dr. S. S. Gill
Chief Co-ordinator




Dr. M. S. Saini
Director

YEAR 2017-2018

Prog. No. 15

Title : Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics.

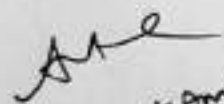
Date : 23/10/2017 - 03/11/2017

Event Report of 2 week FDP "Research Opportunities in Medical Imaging, Biomedical Engineering and Health Informatics" held from 23/10/2017 -03/11/2017 conducted by IT Department

Information Technology department conducted FDP on o give a brief about this course that started on 23rd Oct 2017 where Dr Sukhwinder Singh of UIET was the chief guest. The keynote address of Dr Sukhwinder Singh was based on insights of medical imaging, biomedical engineering and health informatics. An MOU with Conjoint Health care solutions was signed n FDP for providing research assistance to the M,Tech and PhD Scholars of GNDEC. Dr A S Arora from SLIET Longowal presented his views on his recent research happening in the field of biomedical engineering. Dr. Amit Kamra from GNDEC talk was on Designing Biometric authentication techniques using MATLAB. To cater the issue of plagiarism, Dr Akshay Girdhar presented a very detailed presentation on how to avoid plagiarism.

The talk of Dr. Vipul Sharma from IKGPTU was very informative as he presented how to write a world class paper. He also explained use of Mendely, how to access various database. Dr. K S Mann gave his ideas on health informatics and how to use HL7 in research purpose. Dr Ajay and Dr Manpreet Singh presented their views on recent trends on Bioinformatics. Dr Mandeep Singh from Thapar University presented his views on Liver Characterization. The participants were provided hands on session to two tools i.e WEKA and MATLAB. I hope the participants must have gained some practical knowdge from that session. A one day visit was organized to Mayyo Diagnostic and Orison Hospital where Dr Sunil Mittal and his team gave live demonstration of Working of X ray Images, CT

Scan, MRI and Mammography. The FDP is designed to bring Researchers, Academia and Technocrats from different parts of the country to a common gathering for exchanging and sharing the recent developments in the field of Medical imaging, biomedical engineering and health informatics. As the course if of interdisciplnary nature, Dr Rupinder singh of Production department will be presenting a talk on biomedical implants. To inculcate research ideas among young scholars, we have managed to arrange one lecture from Mr Mandeep singh Kwatra who is visiting India from England. Dr Arvind Dhingra gave a talk on MATLAB and its applications. Dr Parminder Singh, share his research ideas on Language processing as machine learning and data mining are two pillars of any research problem. Case studies and practical examples enrich their concept in the field of Medical imaging, Biomedical Engineering, Image Processing, Data mining and it will help them to do better teaching and to conduct research activities at their institutes. HOD presented vote of thanks at valedictory ceremony.


(Dr. AMIT KAMRA)

Welcome to AICTE Sponsored FDP
on
Research Opportunities in Medical
Imaging, Biomedical Engineering
and Health Informatics
From 23rd Oct. - 3rd Nov. 2017
Organized by
Department of Information
Technology

GURU NANAK DEV ENGINEERING COLLEGE
LUDHIANA
Welcomes You
To
AICTE SPONSORED FDP
ON
Research Opportunities in Medical Imaging,
Biomedical Engineering and Health Informatics
From 23rd October to 3rd November, 2017
Organized by
Department of Information Technology





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

It is certified that Saljit Singh 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 23rd Oct. to 03rd Nov. 2017.

1956

Dr. K.S. Maan

(Coordinator)

Dr. Harpal Singh

(Principal)



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

It is certified that Dr. Indrajit Singh Sharma 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 23rd Oct. to 03rd Nov. 2017.


Dr. K.S. Mann
(Coordinator)


Dr. Harpal Singh
(Principal)

Guru Nanak Dev Engineering College, Ludhiana

Department of Information Technology

Attendance for AICTE Sponsored FDP on Medical Imaging,

Biomedical Engineering and Health Informatics from 23rd Oct to 3rd Nov 2017

Date 2/11/2017

S. No.	Name	Session 1	Session 2	Session 3	Session 4
1	Agar Sha Sharma				
2	Amit Kumar				
3	Arundhitha				
4	Ashima	Ashima	Ashima	Ashima	Ashima
5	Baljeet Kaur				
6	Balwinder Singh Dhalwal				
7	Bharti Kaur				
8	Daljeet Singh				
9	Dhruv Chander Pahi				
10	Dinesh Anand				
11	Divyadeep Kaur	Divyadeep	Divyadeep	Divyadeep	Divyadeep
12	Gagandeep	Gagandeep	Gagandeep	Gagandeep	Gagandeep
13	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
14	Gurjit Kaur Walia				
15	Gurpreet Kaur	Gurpreet	Gurpreet	Gurpreet	Gurpreet
16	Gursharan Singh	Gursharan Singh	Gursharan Singh	Gursharan Singh	Gursharan Singh
17	Hardeep Kaur	Hardeep	Hardeep	Hardeep	Hardeep
18	Hardeep Singh Kang	Hardeep	Hardeep	Hardeep	Hardeep
19	Harjit Kaur	Harjit	Harjit	Harjit	Harjit
20	Harmanjot Kaur	Harmanjot Kaur	Harmanjot Kaur	Harmanjot Kaur	Harmanjot Kaur
21	Harpreet Kaur Grewal	—	—	—	—
22	Inderjeet Singh				
23	Inderjit Singh Dhanoa				
24	Jagdeep Singh				
25	Jasbir Singh Sami				
26	Jasmeet Kaur	Jasmeet	Jasmeet	Jasmeet	Jasmeet
27	Kamal Nain Sharma	Kamal	Kamal	Kamal	Kamal
28	Karnaldeep Kaur				

	Karanjit Singh	Kelanj Singh	Kalender Singh	Kalender Singh
29 Karanjit Singh	Kanj	Kanj	Kanj	Kanj
30 Kuran Jyoti				
31 KS Mann	KS	KS	KS	KS
32 Lovepreet Kaur	KS	KS	KS	KS
33 Mandana Kaur	Mann	Mann	Mann	Mann
34 Manjot Kaur Gill	Mann	Mann	Mann	Mann
35 Manpreet Singh				
36 Mehak	Mehak	Mehak	Mehak	Mehak
37 Mohanjit Kaur	Mehak 2/11/17	Mehak 2/11/17	Mehak 2/11/17	Mehak 2/11/17
38 Munish Rattan	Munish Rattan	Munish Rattan	Munish Rattan	Munish Rattan
39 Narewa Makkar	Narewa	Narewa	Narewa	Narewa
40 Nancy	Nancy	Nancy	Nancy	Nancy
41 Narwant Singh Grewal				
42 Pankaj Bhambri	Pankaj	Pankaj	Pankaj	Pankaj
43 Prabhjot Kaur	Pankaj	Pankaj	Pankaj	Pankaj
44 Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur
45 Pradeep Biswal	Pradeep	Pradeep	Pradeep	Pradeep
46 Priyanka Arora	Priyanka	Priyanka	Priyanka	Priyanka
47 Puneet Kaur	Puneet Kaur	Puneet Kaur	Puneet Kaur	Puneet Kaur
48 Purnima Bakshi	PB	PB	PB	PB
49 Randhir Singh	Randhir	Randhir	Randhir	Randhir
50 Ranjodh Kaur	RK	RK	RK	RK
51 Ruchi Bansal	Ruchi 2/11/17	Ruchi 2/11/17	Ruchi 2/11/17	Ruchi 2/11/17
52 Rupinder Kaur	RK 2/11/17	RK 2/11/17	RK 2/11/17	RK 2/11/17
53 Sachin Bagga	Sachin	Sachin	Sachin	Sachin
54 Sandeep Kumar Singla	Sandeep	Sandeep	Sandeep	Sandeep
55 Sidharath Jain	Sidharath	Sidharath	Sidharath	Sidharath
56 Simranjit Kaur	Simranjit	Simranjit	Simranjit	Simranjit
57 Sumeet Kaur Seehra	Sumeet	Sumeet	Sumeet	Sumeet
58 Tarandeep Singh	Tarandeep	Tarandeep	Tarandeep	Tarandeep
59 Jagraj Singh Gill	Jagraj	Jagraj	Jagraj	Jagraj

Prog. No. 16

Title : Waste management by additive
manufacturing

Date : 11/12/2017 - 23/12/2017

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956
Department of Production Engineering

Consolidated report on Faculty Development Program on 'Waste Management by Additive Manufacturing'.

The faculty development program sponsored by AICTE on 'Waste Management by Additive Manufacturing' was organized by the Production Engineering department from 11 – 23 December, 2017. FDP was held under the guidance of Director GNDEC, Ludhiana and HOD Production Engineering. The program was designed for industrialist, environmentalist, researchers and faculty of various fields of Engineering, as it was an interdisciplinary course.

The experts from the various reputed institutes were present to deliver lectures and share their experiences in waste management and additive manufacturing. More than 45 participants from various institutions have attended the program to take benefits of expert talks and enhanced their knowledge in the field of waste management using additive manufacturing.

Objectives of the program:

1. To enhance the knowledge of participants in the field of additive manufacturing.
2. Waste management of plastic waste using additive manufacturing techniques.
3. Practice session on FDM to make samples using recycled plastic.
4. Knowledge related to blending of plastics to enhance their mechanical, electrical and thermal properties.

Sessions of the program:

- Session I: 09:15 am – 10:45 am
Tea break (10:45 am – 11:00 am)
- Session II: 11:00 am – 12:30 pm
Lunch break (12:30 pm – 01:15 pm)
- Session III: 01:15 pm – 02:45 pm
Tea break (02:45 pm – 03:00 pm)
- Session IV: 03:00 pm – 04:30 pm

A handwritten signature, possibly 'S. Grewal', is written in black ink. To the right of the signature are two sets of initials, 'A' and 'B', also written in black ink.

Key points of FDP:

- Types of waste and its management
- Introduction to additive manufacturing
- Various additive manufacturing techniques
- Management of waste using additive manufacturing
- Cost reduction in waste management
- E-waste management
- Solid waste management
- Investment casting for Plastic solid waste
- Blending of plastics for enhancing the properties as compare to matric materials
- Practice session using FDM setup

Speakers:

Dr. Buta Singh (MRS Punjab Techninal University, Bathinda)
Dr. Sukhpal Singh (Punjabi University, Talwandi Sabo campus)
Dr. IPS Ahuja (Punjabi University, Patiala)
Dr. JS Dureja (Punjabi University, Patiala)
Dr. OP Singh (BCET, Gurdaspur)
Dr. Sanjeev Kumar (PEC, Chandigarh)
Dr. Sandeep Grover (YMCA, Faridabad)
Dr. Amit Kamra (GNDEC, Ludhiana)
Dr. Akshay Girdhar (GNDEC, Ludhiana)
Dr. Rupinder Singh (GNDEC, Ludhiana)

Organizing Committee:

Dr. MS Saini (Chief Patron)
Dr. JS Grewal (Patron)
Dr. Rupinder Singh (Course Coordinator)
Er. Manjot Singh Bedi (Course Co-coordinator)
Dr. Harpuneet Singh
Er. Jagdeep Singh



Er. Kanwalpreet Sahni

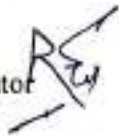
Er. Paramjit Singh

Er. Gauravdeep Singh

Er. Arshpreet Kaur

Er. Gulraj Singh

Course Coordinator

A handwritten signature in black ink, appearing to be 'Raj', with two arrows pointing outwards from the top and bottom of the letters.

HOD PE

A large, stylized handwritten signature in black ink, possibly reading 'J. Singh', written over the 'HOD PE' text.

of Experiments

Ajay Batish



Welcomes You to
AICTE SPONSORED 2 WEEK FDP
ON
Waste Management
by
Additive Manufacturing
• 11-23 DECEMBER, 2017 •
Organised By
DEPARTMENT OF PRODUCTION ENGINEERING





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



Sr. No. 41

AICTE SPONSORED TWO WEEK FACULTY DEVELOPMENT PROGRAMME
CERTIFICATE OF PARTICIPATION

This is to certify that Prof/Dr./Mr/Ms Jagjit Kaur
From G.N.D.E.C. Ludhiana participated in the course

WASTE MANAGEMENT BY ADDITIVE MANUFACTURING

December 11-23, 2017

[Signature]
HOD (PE)

[Signature]
Course Coordinator

Attendance of students for FDP on 'Waste Management by Additive Manufacturing'

S. No.	Name of student	11/12/2017	12/12/2017	13/12/2017	14/12/2017	15/12/2017	16/12/2017
1	Anmol Singh Mangat	Amol	Amol	Amol	Amol	Amol	Amol
2	Hardeep Singh	H Singh	H Singh	H Singh	H Singh	H Singh	H Singh
3	Harpreet Singh	Har	Har	Har	Har	Har	Har
4	Harsimrandeep Singh	Harsimran	Harsimran	Harsimran	Harsimran	Harsimran	Harsimran
5	Karanvir Singh	Karvir	Karvir Singh	Karvir Singh	Karvir Singh	Karvir	Karvir Singh
6	Ramanpreet Singh	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet

S. No.	Name of student	18/12/2017	19/12/2017	20/12/2017	21/12/2017	22/12/2017	23/12/2017
1	Anmol Singh Mangat	Amol	Amol	Amol	Amol	Amol	Amol
2	Hardeep Singh	H Singh	H Singh	H Singh	H Singh	H Singh	H Singh
3	Harpreet Singh	Har	Har	Har	Har	Har	Har
4	Harsimrandeep Singh	Harsimran	Harsimran	Harsimran	Harsimran	Harsimran	Harsimran
5	Karanvir Singh	Karvir Singh	Karvir Singh	Karvir Singh	Karvir Singh	Karvir Singh	Karvir Singh
6	Ramanpreet Singh	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet	Ramanpreet

Prog. No. 16 (a)

Title : Optimization, life enhancement of bio medical implants by additives manufacturing and protective coatings

Date : 04/09/2017 - 08/09/2017

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

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

Department of Production Engineering

Consolidated report on Faculty Development Program on 'Optimization, Life Enhancement of Bio-Medical Implants by Additive Manufacturing and Protective Coatings'.

The faculty development program sponsored by QIP on 'Optimization, Life Enhancement of Bio-Medical Implants by Additive Manufacturing and Protective Coatings' was organized by the Production Engineering department from 4 – 8 September, 2017. FDP was held under the guidance of Director GNDEC, Ludhiana and HOD Production Engineering. The program was designed for industrialist, medical field representatives, researchers and faculty of Various fields of Engineering, as it was an interdisciplinary course.

The experts from the various reputed institutes were present to deliver lectures and share their experiences in Bio-Medical implants by additive manufacturing. More than 50 participants from various institutions had attended the program to take benefits of expert talks and enhanced their knowledge in the field of Bio-Medical implants by additive manufacturing and their life enhancement.

Objectives of the program:

1. Application of optimization techniques for life enhancement of biomedical implants.
2. Hand on experience for preparation of bio medical implants by additive manufacturing.
3. Lab testing of protective coatings as per ASTM standards.

Sessions of the program:

Session I: 09:15 am – 10:45 am

Tea break (10:45 am – 11:00 am)

Session II: 11:00 am – 12:30 pm

Lunch break (12:30 pm – 01:15 pm)

Session III: 01:15 pm - 02:45 pm

Tea break (02:45 pm – 03:00 pm)

Session IV: 03:00 pm – 04:30 pm

Course contents:

- Role of optimization for biomedical implants.
- Additive manufacturing for biomedical implants.
- Biomedical/protective coatings.
- Design of experiment (various tools for process optimization)
- Case studies on dental/ortho 4D materials.
- Practice session for lab testing as per ASTM standards.

Speakers:

Dr. Buta Singh (MRS Punjab Techninal University, Bathinda)

Dr. Satya Prakash (IIT Roorkee)

Dr. Bhupinder Singh Bhoop (PU, Chandigarh)

Dr. IPS Ahuja (Punjabi University, Patiala)

Dr. JS Dureja (Punjabi University, Patiala)

Dr. Sanjeev Kumar (PEC, Chandigarh)

Dr. Sandeep Grover (YMCA, Faridabad)

Dr. Rupinder Singh (GNDEC, Ludhiana)

Dr. GS Brar (GNDEC, Ludhiana)

Organizing Committee:

Dr. MS Saini (Chief Patron)

Dr. JS Grewal (Patron)

Dr. Rupinder Singh (Course Coordinator)

Er. Manjot Singh Bedi

Dr. Harpuneet Singh

Er. Jagdeep Singh

Er. Gauravdeep Singh

Er. Paramjit Singh

Er. Kanwalpreet Sahni

Er. Arshpreet Kaur

Er. Gulraj Singh


HOD PE

Certificate of Participation



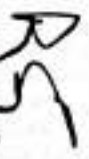
QIP Short Term Course
on

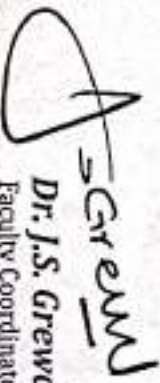
Optimization, Life Enhancement of
Bio-Medical Implants by Additive Manufacturing and Protective Coatings

This is awarded to Dr/Mr/Ms Rohit Kumar

of GND EC, Ldh. for participation in QIP short term course on

"Optimization, Life Enhancement of Bio-Medical Implants by Additive Manufacturing and Protective Coatings" held from 4th September, 2017 to 8th September 2017, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.


Dr. Rupinder Singh
Course Coordinator


Dr. J.S. Grewal
Faculty Coordinator


Dr. M.S. Saini
Director

Certificate of Participation



QIP Short Term Course

on

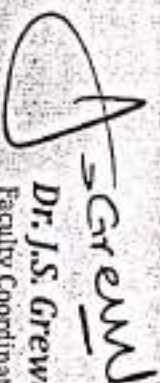
Optimization, Life Enhancement of
Bio-Medical Implants by Additive Manufacturing and Protective Coatings

This is awarded to Dr/Mr/Ms Anant Singh Riot

of CANDEC, Ludhiana for participation in QIP short term course on

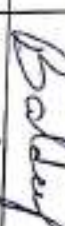
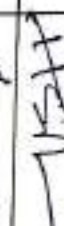
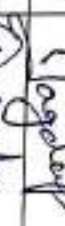
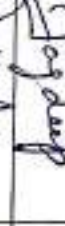
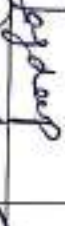
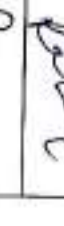
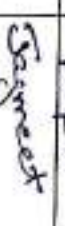
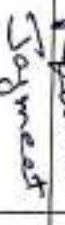
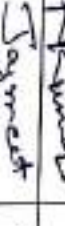
"Optimization, Life Enhancement of Bio-Medical Implants by Additive Manufacturing and Protective Coatings" held from 4th September, 2017 to 8th September 2017, organized by Department of Production Engineering, Guru Nanak Dev Engineering College, Ludhiana.


Dr. Rupinder Singh
Course Coordinator


Dr. J.S. Grewal
Faculty Coordinator


Dr. M.S. Saini
Director

Attendance of students for FDP on 'Optimization Life Enhancement of Bio-Medical Implants by Additive Manufacturing and Protective Coatings'

S. No.	Name of student	4/9/2017	5/9/2017	6/9/2017	7/9/2017	8/9/2017
1	Amrjot Singh Riat					
2	Baldeep Singh					
3	Harnam Raj Singh					
4	Jagdeep Singh Chocma					
5	Kamalpreet Singh Riat					
6	Rahul					
7	Robit Kumar					
8	Jagmeet Singh					

Prog. No. 17

Title : Finite Element Method For Engineering Applications

Date : 04/12/2017 - 08/12/2017

Attendance Sheet

Short Term Course on Finite Element Method for Engineering Applications

04/12/2017 to 08/12/2017

Sr no	Name	Sign
1	Sukhvir Singh	Sukhvir Singh
2	Balraj Singh	Balraj Singh
3	Amrit	Amrit
4	Sukhjot Singh	Sukhjot Singh
5	Harmanjit	HS
6	Pardeep	Pardeep
7	Suhel	Suhel
8	Samriti	Samriti
9	Pankaj	Pankaj
10	Chandar	Chandar
11	Chatwant Singh	Chatwant Singh
12	Amrinder Singh Pannu	Amrinder Singh Pannu
13	Dalvir Singh	Dalvir Singh
14	Hardeep Singh	H.Singh
15	Sukhmanjit Kaur	Sukhmanjit Kaur
16	Sardar Singh	Sardar Singh
17	Komaljit Kaur	Komaljit Kaur
18	Akriti	Akriti
19	Suneha	Suneha
20	Supanjit Kaur	Supanjit Kaur
21	Pritpal Singh	Pritpal Singh
22	Lakhveer Singh	Lakhveer Singh

23	Kuldeep Singh	Kuldeep
24	Ram	Ram
25	Harinder Singh	H. Singh
26	Pardeep Kaushal	Pardeep K.
27	Gurdeep Singh	Gurdeep Singh
28	Preetkamal	Preetkamal
29	Lakhvir Singh	Lakhvir Singh
30	Gurjant Singh	Gurjant
31	Heena	Heena
32	Kamaldeep	Kamaldeep
33	Sheetal	Sheetal
34	Kuldeep	Kuldeep
35	Pardeep Kumar	P. Kumar
36	Suneha Sharma	Suneha
37	Hardeep Dhawan	Hardeep Dhawan
38	Kuldeep	Kuldeep
39	Jasvir Singh	J. Singh
40	Jaskaran Singh	Jaskaran Singh
41	Gurjit	Gurjit
42	Hardeep Kumar	Hardeep Kumar
43	Baljit Singh	Baljit Singh
44	Harmanjot	Harmanjot
45	Suman	Suman
46	Komaldeep sran	Komaldeep
47	Harjinder	H. Singh
48	Kulpreet	Kulpreet
49	Harjap Singh	Harjap Singh
50	Barjinder Kumar	B. Kumar
51	Harkik Singh	Harkik

52	Jeevanjot	Jeevanjot .
53	Sumandeep	Sumandeep
54	Kulvir	K.S.
55	Jasjot Singh	Jasjot Singh.

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 4th December 2017 to 8th December 2017.

HL
Course Co-ordinator

[Signature]
HOD (Mech.)

[Signature]
QIP Co-ordinator

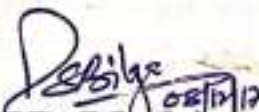
GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (141006), PUNJAB, INDIA

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 4th December 2017 to 8th December 2017.


Course Co-ordinator


HOD (Mech.)


QIP Co-ordinator

Prog. No. 18

Title : Design challenges in low power VLSI design

Date : 04/12/2017 - 12/12/2017

FDP Report

AICTE sponsored two week faculty development programme on 'Design Challenges in Low Power VLSI Design' was organised by Department of ECE in Guru Nanak Dev Engineering College, Ludhiana from 4th December, 2017 to 16th December, 2017. The aim of this course was to share the theoretical as well as practical concepts related to design issues in the field of low power VLSI. Chief Guest Prof. Shailendra Jain, Director SLIET addressed the participants and appreciated the initiative of conducting such kind of events which help in filling the gap between institute and industry by providing an industry focussed shape to research and teaching.

Sh. H. S. Jatana, Scientist and Group Head- Design & Process Group, Semi Conductor Laboratory, Department of Space, Govt. of India, Mohali delivered expert lectures on design of MOSFETs and various biasing techniques. Lab sessions on circuit-level tool Cadence virtuoso were conducted by Er. Uday, Scientist, SCL Mohali. Dr. Ashwani Rana from NIT, Hamirpur delivered expert talk on power evaluation in circuits, novel methodologies for MOSFET devices like FinFETs. Dr. Vinayak Hande from IIT Roorkee discussed design concepts of CMOS analog amplifiers and challenges in designing of low power analog integrated circuits. Dr. Balwinder Raj, Assistant Professor, NIT Jalandhar shared his expertise on various challenges in nanoscale era, FinFETs design etc. Dr. Karav Kahol explained various innovations related to low power design and demonstrated various applications.

Faculty members from GNDEC, Ludhiana delivered expert lectures on various topics like optimization techniques, design of multigate MOSFETs and FinFET SRAM etc. Lab sessions on TCAD tool, one of the device specific tools, were conducted in detail by Er. Amit Saini, Cadre Design Systems. Around 50 participants from within and outside the institute attended this programme and were benefitted from the knowledge shared by experts. They found this course to be very informative as they got opportunity to interact with industry and academic experts.


Course Coordinator



Dr. Narwant Singh Grewal honouring the expert Dr. Ashwani Rana, NIT Hamirpur.

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA



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

AICTE

Sponsored



TWO WEEK FACULTY DEVELOPMENT PROGRAMME

ON

"Design Challenges in Low Power VLSI Design"

04.12.2017 to 16.12.2017

Organized by -

Department of Electronics and Communication Engineering



Er. H.S. Jatana, Scientist, SCL Mohali sharing his expertise



Inauguration ceremony of course



Er. Uday Khambete , Scientist, SCL Mohali sharing expertise on Cadence tool



Dr. Vinayak Hande, IIT Ropar delivering expert lecture



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

Prog. No. 19

Title : Tribiological Analysis of four dimensional printed engineering materials

Date : 19/11/2018 - 24/11/2018

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

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

Department of Production Engineering

Consolidated report on Faculty Development Program on 'Tribological Analysis on Four Dimensional Printed Engineering Materials'.

The faculty development program sponsored by QIP on 'Tribological Analysis on Four Dimensional Printed Engineering Materials' was organized by the Production Engineering department from 9 – 13 October, 2018. FDP was held under the guidance of Principal GNDEC, Ludhiana and HOD Production Engineering. The program was designed for industrialist, medical field representatives, researchers and faculty of Various fields of Engineering, as it was an interdisciplinary course.

The experts from the various reputed institutes were present to deliver lectures and share their experiences in Four dimensional printing of engineering materials. More than 40 participants from various institutions had attended the program to take benefits of expert talks and enhanced their knowledge in the field of four dimensional printing.

Objectives of the program:

1. Material development for 4D printing.
2. Hands on experience for preparation of 4D print by additive manufacturing.
3. Tribological analysis by using erosion and wear studies.
4. Lab testing of functional prototypes as per ASTM standards.

Sessions of the program:

Session I: 09:15 am – 10:45 am

Tea break (10:45 am – 11:00 am)

Session II: 11:00 am – 12:30 pm

Lunch break (12:30 pm – 01:15 pm)

Session III: 01:15 pm - 02:45 pm

Tea break (02:45 pm – 03:00 pm)

Session IV: 03:00 pm – 04:30 pm

Course contents:

- Role of 4D printed functional prototypes.
- Additive manufacturing for 4D printed components.
- Tribological analysis.
- Design of experiment (various tools for process optimization)
- Case studies on dental/ortho 4D materials.
- Practice session for lab testing as per ASTM standards.

Speakers:

Dr. Buta Singh (MRS Punjab Techninal University, Bathinda)

Dr. Satya Prakash (IIT Roorkee)

Dr. Bhupinder Singh Bhoop (PU, Chandigarh)

Dr. IPS Ahuja (Punjabi University, Patiala)

Dr. JS NS Vyas (IIT Kanpur)

Dr. Sanjeev Kumar (PEC, Chandigarh)

Dr. Sandeep Grover (YMCA, Faridabad)

Dr. Harpreet Singh (IIT Ropar)

Dr. Rupinder Singh (GNDEC, Ludhiana)

Dr. JS Grewal (GNDEC Ludhiana)

Organizing Committee:

Dr. JS Grewal (Patron)

Dr. Rupinder Singh (Course Coordinator)

Er. Manjot Singh Bedi

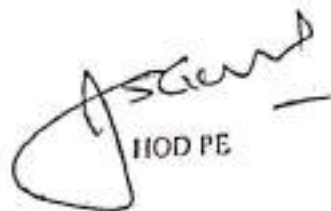
Dr. Harpuneet Singh

Er. Jagdeep Singh

Er. Kanwalpreet Sahni

Er. Arshpreet Kaur

Er. Gulraj Singh
Er. Gurleen Singh


HOD PE

Photographs for the short term course on ‘Tribological Analysis of Four dimensional Printed Engineering Materials’







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

Department of Production Engineering

QIP short term course

Certificate of Participation

This is to certify that Mr. Jaskaran Singh from GNDDEC, Ludhiana participated in the 5 days course in "Tribological Analysis of Four Dimensional Printed Engineering Materials" from November 19-24, 2018.

RS
Course Coordinator

J. S. Grewal
Faculty Coordinator & Head of Dept.

RS
QIP Coordinator

No. QIP/PE/81/2018





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

Department of Production Engineering

QIP short term course

Certificate of Participation

This is to certify that Mr. Gurchelan Singh From GNMDEC, Ludhiana participated in the 5 days course in "Tribological Analysis of Four Dimensional Printed Engineering Materials" from November 19-24, 2018.

RS
Course Coordinator

SGRND
Faculty Coordinator & Head of Dept.

RS
QIP Coordinator

No. QIP/PE/52/2018



Attendance of students for FDP on 'Trihological Analysis of 4-Dimensional Printed Engineering Materials'						
S. No.	Name of student	19/11/2018	20/11/2018	21/11/2018	22/11/2018	23/11/2018
1	Daljit Singh	Delgyl.	Delgyl	Delgyl	Delgyl	Delgyl
2	Gurcheetan Singh	Gur	Gur	Gur	Gur	Gur
3	Gurkarnwal Singh Punia	Adm.	Adm	Adm.	Adm	Adm
4	Jagroop Singh Bhatti	ISBhatti	ISBhatti	ISBhatti	ISBhatti	ISBhatti
5	Jaskaran Singh Kang	Jaskar	Jaskar	Jaskar	Jaskar	Jaskar
6	Rahul Bhatra	Rah	Rah	Rah	Rah	Rah
7	Saravjot Singh	Sar	Sar	Sar	Sar	Sar

Prog. No. 20

Title: Recent trends and applications of machine learning

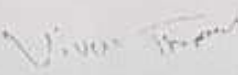
Date : 05/03/2018 - 09/03/2018

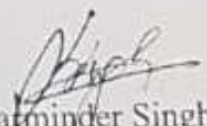
Activity Report

The Department of Computer Science & Engineering organised I.K. Gujral Punjab Technical University, Kapurthala sponsored one-week faculty development programme (FDP) on "Recent Trends and Applications of Machine Learning" from 5th March, 2018 to 9th March, 2018 at Guru Nanak Dev Engineering College, Ludhiana. The FDP started with first sessions on 5th March, 2018 by Dr. H.K.Sardana, Chief Scientist, CSIO, Chandigarh. Dr. Akshay Girdhar, Professor from GNDEC, Ludhiana, delivered two sessions on accreditation process and fulfilled the mandatory requirement of the course.

In the FDP sessions were delivered by the persons from Industry, Research organisation and Academia. A total of 20 sessions of expert talks were held during the program. Fifty participants including faculty members from various I.K.G. PTU affiliated institutes registered for the FDP. The participants learnt research trends and application of machine learning for solving real time problem of diverse engineering fields and their practical aspects and suitability to particular types of applications. This FDP enabled the academicians to direct their research deeper into applications of machine learning. The FDP ended with feedback session. Dr. Parminder Singh (Chairman of FDP), Er. Vivek Thapar and Mr. Sukhjit Singh Sehra (Coordinators of FDP) thanked the participants.


Er. Sukhjit Singh Sehra


Er. Vivek Thapar


Dr. Parminder Singh



I.K. Gujral Punjab Technical University, Kapurthala

Sponsored

**One Week Faculty Development Programme
on**

Recent Trends and Applications of Machine Learning

(5th to 9th March, 2018)

Organised by:

Department of Computer Science/

Guru Nanak Dev Engineering College, Ltd

[An Autonomous College u/s 2(f) and]











I.K. Gujral Punjab Technical University, Kapurthala

Sponsored
One Week Faculty Development Programme
on

Recent Trends and Applications of Machine Learning
(5th to 9th March, 2018)

Organised by:
Department of Computer Science & Engineering
Nanak Dev Engineering College, Ludhiana, Punjab - 141006
Autonomous College u/s 2(f) and 12(B) of UGC Act, 1956







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J.K. Gujral Punjab Technical University, Jalandhar
Sponsored
One Week Faculty Development Program
Recent Trends and Applications of Machine Learning
(5th to 9th March, 2018)
Organised by
Department of Computer Science & Engineering
Nanak Dev Engineering College, Ludhiana, Punjab
(An Autonomous College u/s 2(f) and 12(B) of UO)

Zoom out



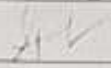
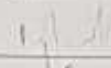
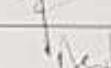
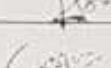
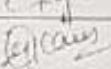
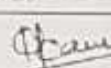
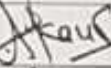
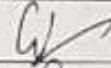
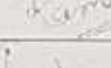
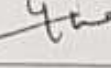
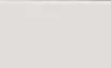
Recent Trends and Applications of Machine Learning

(5th - 9th March, 2018)

Attendance List

S. No.	Name	Institute	Date: 06-03-2018
			Evening Session
			Signature
1	Er. Amandeep Kaur	Bhutta College of Engineering and Technology, Ludhiana	Amandeep Kaur
2	Er. Iqbalpreet Kaur Sidhu	Bhutta College of Engineering and Technology, Ludhiana	Iqbalpreet
3	Dr. Prateek Kalia	Ludhiana College of Engineering and Technology, Ludhiana	Prateek
4	Er. Jaswinder Singh	Ludhiana College of Engineering and Technology, Ludhiana	Jaswinder
5	Er. Manish Gupta	Ludhiana College of Engineering and Technology, Ludhiana	Manish Gupta
6	Er. Kushal Deep Singh Sekhon	Ludhiana College of Engineering and Technology, Ludhiana	Kushal
7	Er. Ravinder Kumar	Ludhiana College of Engineering and Technology, Ludhiana	Ravinder
8	Er. Amandeep Kaur	Baba Khajandas College of Management, Bhutta, Ludhiana	Amandeep Kaur
9	Er. Karamjit Singh	Bhutta College of Engineering and Technology, Ludhiana	Karamjit Singh
10	Er. Vishal Paika	Bhutta College of Engineering and Technology, Ludhiana	Vishal Paika
11	Er. Jeevan Bhatia	Bhutta College of Engineering and Technology, Ludhiana	Jeevan
12	Er. Amandeep Kaur Sohal	Guru Nanak Dev Engineering College, Ludhiana	Amandeep
13	Er. Sukhjot Singh Sehra	Guru Nanak Dev Engineering College, Ludhiana	Sukhjot
14	Er. Sumeet Kaur Sehra	Guru Nanak Dev Engineering College, Ludhiana	Sumeet
15	Er. Vivek Thapar	Guru Nanak Dev Engineering College, Ludhiana	Vivek
16	Er. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana	Jasbir
17	Er. Harmeet Singh Gill	Guru Nanak Dev Engineering College, Ludhiana	Harmeet
18	Dr. Navneet Singh Bhangu	Guru Nanak Dev Engineering College, Ludhiana	Navneet
19	Er. Manjot Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	Manjot
20	Er. Kamaldeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	Kamaldeep
21	Er. Gurdeep Singh	Guru Nanak Dev Engineering College, Ludhiana	Gurdeep
22	Er. Daljeet Singh	Guru Nanak Dev Engineering College, Ludhiana	Daljeet

Attendance List

S. No.	Name	Institute	Date: 06-03-2018
			Evening Session
			Signature
23	Er. Supreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	
24	Er. Manpreet Kaur Mand	Guru Nanak Dev Engineering College, Ludhiana	
25	Er. Diana Nagpal	Guru Nanak Dev Engineering College, Ludhiana	
26	Er. Mandeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
27	Er. Rajveer Kaur	Guru Nanak Dev Engineering College, Ludhiana	
28	Er. Hardeep Singh Kang	Guru Nanak Dev Engineering College, Ludhiana	
29	Er. Shailja	Guru Nanak Dev Engineering College, Ludhiana	
30	Er. Geetika	Guru Nanak Dev Engineering College, Ludhiana	
31	Er. Amandeep Kaur Sidhu	Guru Nanak Dev Engineering College, Ludhiana	
32	Er. Gagandeep Kaur Gill	Guru Nanak Dev Engineering College, Ludhiana	
33	Er. Goldendeep Kaur	Guru Nanak Dev Engineering College, Ludhiana	
34	Er. Kuljit Kaur	Guru Nanak Dev Engineering College, Ludhiana	
35	Er. Jasleen Kaur	Guru Nanak Dev Engineering College, Ludhiana	
36	Er. Arshpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	
37	Er. Gulraj Singh	Guru Nanak Dev Engineering College, Ludhiana	
38	Er. Paramjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
39	Er. Ranjit Singh	Guru Nanak Dev Engineering College, Ludhiana	
40	Er. Lovnesh Kumar Goyal	Ludhiana College of Engineering and Technology, Ludhiana	
41	Er. Gagandeep Kaur	Ludhiana College of Engineering and Technology, Ludhiana	
42	Er. Kamaljeet Kaur	Ludhiana College of Engineering and Technology, Ludhiana	
43	Er. Jaspreet Kaur	Ludhiana College of Engineering and Technology, Ludhiana	
44	Er. Maninderpal Singh Dhaliwal	Ludhiana College of Engineering and Technology, Ludhiana	

Attendance List

S. No.	Name	Institute	Date: 06-03-2018
			Evening Session
			Signature
45	Er. Gurjiwan Singh	Ludhiana College of Engineering and Technology, Ludhiana	GS
46	Er. Jastinder Kaur	Baba Khajandas College of Management, Bhutta, Ludhiana	Jastinder
47	Dr. Pardeep Kumar Jaswal	Guru Nanak Dev Engineering College, Ludhiana	
48	Dr. Kiran Jyoti	Guru Nanak Dev Engineering College, Ludhiana	18
49	Dr. Ajay Shiv Sharma	Guru Nanak Dev Engineering College, Ludhiana	- Present -
50	Er. Parminder Kaur Wadhwa	Guru Nanak Dev Engineering College, Ludhiana	
51	Er. Sachin Bagga	Guru Nanak Dev Engineering College, Ludhiana	
52	Er. Sidharth Jain	Guru Nanak Dev Engineering College, Ludhiana	



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 **5th March, 2018 to 9th March, 2018**.

Chief-Coordinator
FDP, IKGPTU

Principal
GNDEC, Ludhiana

Prog. No. 21

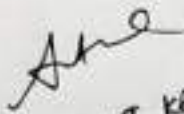
Title : Insights of Image Processing and their Recent Trends.

Date : 07/03/2018 - 11/03/2018

Event Report of 1 week FDP "Insights of Image Processing and their recent trends" held from 07/03/2018 - 11/03/2018 conducted by IT Department.

Information Technology department conducted FDP on o give a brief about this course that started on 7 March 2018 where Dr Akshay Girdhar from GNDEC started with basic of Image Processing. Dr. Anjali Goyal from GNIMT Ludhiana lecture was based on CBIR, medical imaging, biomedical engineering and health informatics. Dr Jagroop Singh, from DAVIET Jalandhar spoke about image compression. Mr. Jagdeep singh from GNDEC gave hands on session for MATLAB and weka . To cater the issue of plagiarism, Dr Akshay Girdhar presented a very detailed presentation on how to avoid plagiarism.

Dr. Vipul Sharma from IKGPTU gave lecture on how to use mendeley and writing a world class paper. He also explained use of Mendely, how to access various database. Dr. Jitender Vermani, CSIO Chandigarh spoke about image resolution and his research on cancer diagnosis. Dr Mandeep Singh from Thapar University presented his views on Liver Characterization. The FDP is designed to bring Researchers, Academia and Technocrats from different parts of the country to a common gathering for exchanging and sharing the recent developments in the field of Medical imaging. Dr. Navdeep Kanwal from Punjabi university spoke on image forensics. On the final day Dr. Savita Gupta, director UIET presented some latest case studies and practical examples that enrich concept in the field of Medical imaging, Biomedical Engineering. Principal GNDEC and HOD (IT) thanks all the participants for their keen learning on image processing applications .


Dr. AMIT KAMEA





GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

(Punjab Govt. Aided Status)

An Autonomous College established under 1947B 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 07th March – 11th 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 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 07th March – 11th 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), IET Accredited U.G. Programmes, AICTE Approved

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

It is certified that Manpreet Singh, 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 07th March – 11th March, 2018.

Course Coordinator

Head of Department

QIP Coordinator

QIP sponsored STE by IT Deptt. From 7/3/18 to 11/3/18

Name	Session 1	Session 2	Session 3	Session 4
Priyanka Arora				
Mandeep Singh	MSL	MSL	MSL	MSL
Gagandeep Kaur	Gagan	Gagan	Gagan	Gagan
Jasmine Kaur	Jasmine Kaur	Jasmine Kaur	Jasmine Kaur	Jasmine Kaur
Purnima Bakshi				
Vimal Vahiwa	Alman	Alman	Alman	Alman
Bhaskinder Kaur	Bhaskinder Kaur	Bhaskinder Kaur	Bhaskinder Kaur	Bhaskinder Kaur
Divyadeep Kaur	Divyadeep	Divyadeep	Divyadeep	Divyadeep
Maninder kaur	Maninder Kaur	Maninder Kaur	Maninder Kaur	Maninder Kaur
Tarajit kaur	Tarajit Kaur	Tarajit Kaur	Tarajit Kaur	Tarajit Kaur
Gurwinder Kaur	Gurwinder	Gurwinder	Gurwinder	Gurwinder
Nancy	Nancy	Nancy	Nancy	Nancy
Kamal Nain Sharma	Kamal	Kamal	Kamal	Kamal
Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur	Gurpreet Kaur
Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
Hardeep Kaur	Hardeep Kaur	Hardeep Kaur	Hardeep Kaur	Hardeep Kaur
Mehak	Mehak	Mehak	Mehak	Mehak
Dinesh Anand	D	D	D	D
Manan Kaur	Manan	Manan	Manan	Manan
Divya Sharma	Divya Sharma	Divya Sharma	Divya Sharma	Divya Sharma
Hardeep Singh Jawanda			AS	AS
Kriti Verma	Kriti Verma	Kriti Verma	Kriti Verma	Kriti Verma
Ashima Malhotra	Ashima Malhotra	Ashima Malhotra	Ashima Malhotra	Ashima Malhotra
Gurwinder Singh	Gurwinder	Gurwinder	Gurwinder	Gurwinder

Jagmeet Sagra	Jagmeet Sagra	Jagmeet Sagra	Jagmeet Sagra	Jagmeet Sagra
Geetika Gupta	Geetika Gupta	Geetika Gupta	Geetika Gupta	Geetika Gupta
Japreet Kaur	Japreet Kaur	Japreet Kaur	Japreet Kaur	Japreet Kaur
Sukhdeep Kaur	Sukhdeep Kaur	Sukhdeep Kaur	Sukhdeep Kaur	Sukhdeep Kaur
Maninder Kaur	Maninder Kaur	Maninder Kaur	Maninder Kaur	Maninder Kaur
Manjot Kaur	Manjot Kaur	Manjot Kaur	Manjot Kaur	Manjot Kaur
Harjot Kaur Gill	Harjot Kaur Gill	Harjot Kaur Gill	Harjot Kaur Gill	Harjot Kaur Gill
K S Mann	K S Mann	K S Mann	K S Mann	K S Mann
Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh	Manpreet Singh
Amit Kaur	Amit Kaur	Amit Kaur	Amit Kaur	Amit Kaur
Kamaljit Kaur Dhillon	Kamaljit Kaur Dhillon	Kamaljit Kaur Dhillon	Kamaljit Kaur Dhillon	Kamaljit Kaur Dhillon
Pankaj Bhambri	Pankaj Bhambri	Pankaj Bhambri	Pankaj Bhambri	Pankaj Bhambri
Kanwardeep Singh	Kanwardeep Singh	Kanwardeep Singh	Kanwardeep Singh	Kanwardeep Singh
Rupinder Kaur	Rupinder Kaur	Rupinder Kaur	Rupinder Kaur	Rupinder Kaur
Jasmeen Gill	Jasmeen Gill	Jasmeen Gill	Jasmeen Gill	Jasmeen Gill
Shaminder Singh	Shaminder Singh	Shaminder Singh	Shaminder Singh	Shaminder Singh
Hitika Gupta	Hitika Gupta	Hitika Gupta	Hitika Gupta	Hitika Gupta
Navtej Singh Ghuman	Navtej Singh Ghuman	Navtej Singh Ghuman	Navtej Singh Ghuman	Navtej Singh Ghuman

Prog. No. 22

Title: Design issues in low power applications in
Electronics

Date : 12/03/2018 - 16/03/2018



Photo" Dr. Brajesh Kumar Kaushik (Resource Person), IIT Roorkee



Photo: Dr. Sam Darshi (Resource Person), IIT Ropar



Photo: Lab session on TCAD tool – By Er. Navneet Kaur and Er. Gurpurneet Kaur (Resource Persons) from GNDEC, Ludhiana .

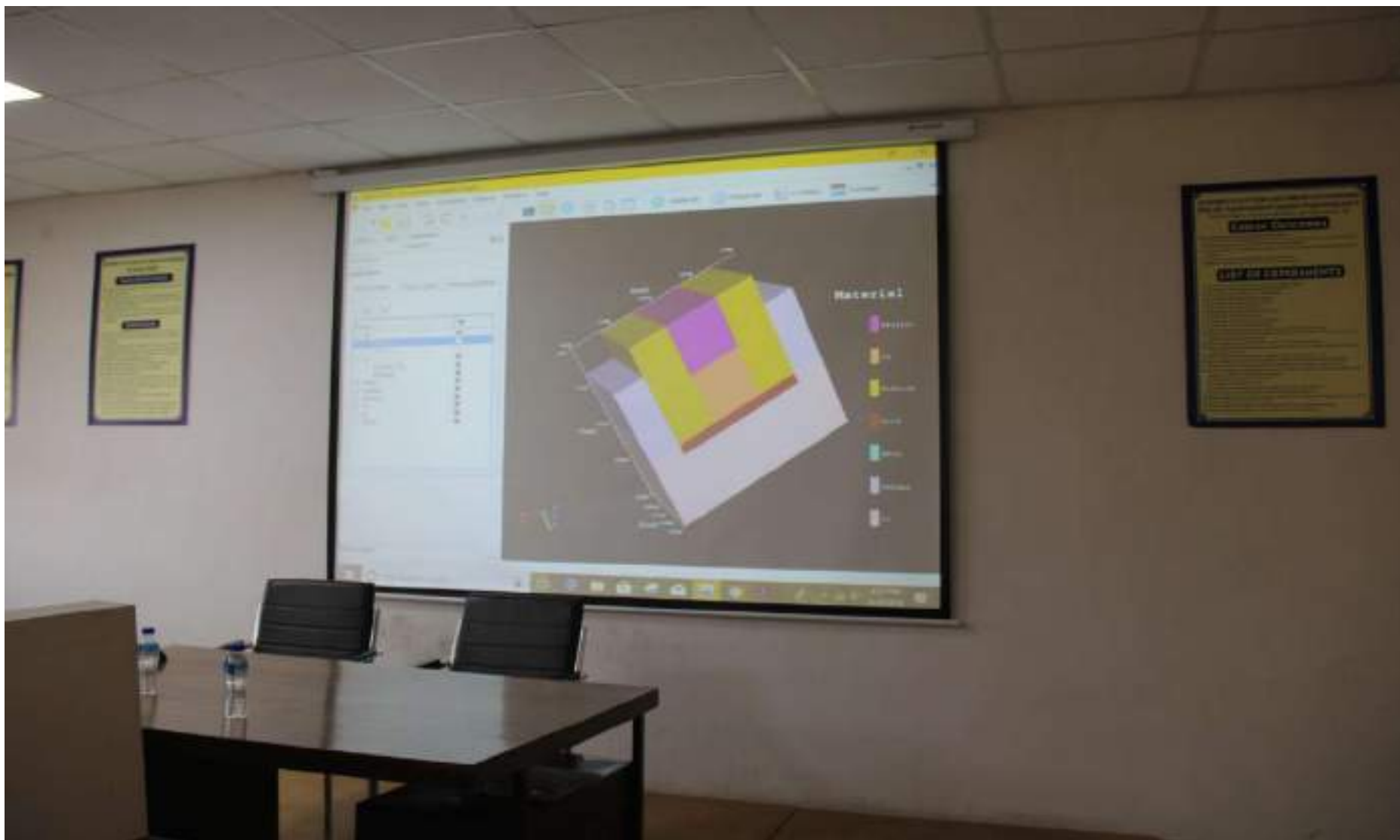


Photo: Lab session on TCAD tool – By Er. Navneet Kaur and Er. Gurpurneet Kaur (Resource Persons) from GNDEC, Ludhiana .



Photo: Participants of STC



Photo: Valedictory session of STC



Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College

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

QIP SPONSORED One Week Short Term Course On

"Design Issues in Low Power Applications in Electronics"
(12th- 16th March 2018)

It is certified that Mr./Dr./Ms. Narwant Singh Grewal

of Guru Nanak Dev Engineering College, Ludhiana has attended

QIP sponsored One week short term Course on "Design Issues in Low Power Applications in Electronics"
organized by Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College,
Ludhiana from 12th- 16th March 2018.


Coordinator/Head of the Department


QIP Coordinator

YEAR 2018-2019

Prog. No. 23

Title: Sustainable waste management through design

Date : 02/11/2018 - 03/11/2018

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

Certificate of Participation

This certificate is awarded to

AJITPAL SINGH (GNDEC, LDH)

who had presented a research paper / participated in two-day International Conference on

Sustainable Waste Management through Design

organised by the Department of Civil Engineering in association with the
Indian Geotechnical Society: Ludhiana Chapter and Institution of Engineers (I): Local Chapter
on 2 - 3 November, 2018.


Organising Secretary


Professor & Head
Civil Engineering Department



International Conference

Sustainable Waste Management through Design (SWMD-18)

November 2 -3, 2018

Paper Presentation Schedule

November 3, 2018; Session: D1; Venue: Consultancy Seminar Hall

Paper ID	Title	Authors	Signature
66	Behavior of Strip Footing Resting on Silty Soil Stabilized With Cement Kiln Dust	Abdul Mir, K S Gill, Kulwinder Singh, GNDEC, Ludhiana	Mir
106	A study on CBR behaviour of waste pet strip reinforced stone dust	Abdresh Kumar Sinha, JN Jha, AK Choudhary NIT Jamshedpur	ABSENT
117	Effect Of Cavity On Bearing Capacity Of Shallow Foundation In Reinforced Soil	Arijun Kapoor, B.S Walia, Charnjeet Singh, Guru Nanak Dev Engineering College, Ludhiana	Arijun Kapoor
121	A Comparative Study on Application of <i>Acidithiobacillus ferrooxidans</i> and <i>Aspergillus niger</i> for Biomachining of EN-19 alloy steel	Tanveer Singh Jhaji, A K Sodhi, Neeraj Bhanot, IIM Amritsar	Tanveer
39	Landscape Changes and Sustainable Development Policy in a Developing Area: A Case study in Chirrakunta Rurban Cluster	Supratim Guha, Dillip Kumar Barik, Vellore Institute of Technology Vellore, Tamil Nadu, India; * IIT Ropar Venkata Ravibabu Mandla, National Institute of Rural Development & Panchayati Raj, Hyderabad	Barik 3/11/18
61	Comparative Analysis of Solid Waste Management Processes in Himachal Pradesh and Punjab	Anchal Sharma, Rajiv Ganguly, Ashok K Gupta JUIT Waknaghat, Solan (HP)	Anchal Sharma
101	Reuse of wastewater to conserve the natural water resources	Sagar Mukundrao Gawande, Dilip D. Sarode Pune, INDIA	Gawande 03-11-18
125	Utilization of Electric Arc Furnace Dust In Brick Making	Ravinder Kaur, Puneet Pal Singh Cheema Guru Nanak Dev Engineering College, Ludhiana	Puneet Kaur
120	Sustainable Concrete Production by Integrating Wastes: A Comparative Study With and Without <i>Bacillus megaterium</i>	Rajwinder Singh, A K Sodhi, GNDEC Ludhiana Neeraj Bhanot, IIM Amritsar	Rajwinder Singh
37	Partial substitution of sand and cement with waste marble powder and limestone dust in SCC	Mohammad Adil Dar, Jayalakshmi Raju, IIT Delhi; Showkat Rahman, Ravi Kumar, Kurukshetra University;	ABSENT
16	Numerical Simulation of Footing Resting near Nail Stabilized Vertical Cut	Abhineet Godayal, K S Gill, Charnjeet Singh, Guru Nanak Dev Engineering College, Ludhiana	Abhineet Godayal

Organised by
Civil Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab), INDIA



International Conference

Sustainable Waste Management through Design (SWMD-18)

November 2 -3, 2018

Paper Presentation Schedule

November 2, 2018; Session: B1; Venue: Consultancy Seminar Hall

Paper ID	Title	Authors	Signature
135	Optimization - Culling the Devil in the Details	Harpreet Rai, R V Anderson Associates Limited, London, Ontario, Canada	Shyne
50	Effect of use of Crop Residues (Waste Materials) on Soil moisture and Soil Temperature in Potato crop under mid-hill conditions of Himachal Pradesh, India	Lalit Goel, R K Sharma, Vijay Shankar NIT Hamirpur	Shankar
127	Vermifiltration using Garden Waste as padding media for treatment of Dairy wastewater	Sukhdeep Kaur, Puneet Pal Singh Cheema GNDEC Ludhiana	Shouham
48	GIS-Based Landslide Hazard Mapping Along NH-3 In Mountainous Terrain Of Himachal Pradesh, India Using Weighted Overlay Analysis	Akhilesh Kumar, R K Sharma, V K Bansal National Institute of Technology, Hamirpur, Himachal Pradesh, India.	2/11/18
8	Hazards from the Municipal Solid Waste Dumpsites: A Review	Himanshu Yadav, IIT Guwahati Pawan Kumar, V.P. Singh, MNIT Allahabad	Himanshu
141	Design Methodologies for Eco-Friendly Pharmaceutical Waste Management -A Review AKHIL SHETTY	Akhil Shetty, Chitkara University Gaurav Gupta, NITTAR Chandigarh	Akhil Shetty

A study of Unconfined
Compressive Strength of
Sand-Bentonite-Coal Ash
mixes.

Jaskiran Sabti,
PEC University of
Technology, Chandigarh.

Jaskiran

Organised by
Civil Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab), INDIA



International Conference

Sustainable Waste Management through Design (SWMD-18)

November 2-3, 2018

Paper ID	Title	Authors	Signature
91	Engineering Properties of Self Compacting Concrete incorporating Metakaolin and Rice Husk Ash: A review	Baban Kumar, Dr B R Ambedkar NIT Jalandhar	Baban Kumar
21	Combined use of accelerators and stone slurry powder in cement mortar	Kiran Devi, Babita Saini, Paratibha Aggarwal, NIT, Kurukshetra	Kiran
62	Laboratory study on effect of wastes on compressive strength of concrete	Rachit Sharma, Guru Nanak Dev Engineering College Ludhiana	Rachit
104	Investigation on Suitability of GHA - RHA as Partial Replacement of cement in Concrete	Sunita Kumari, Dinesh Chander, Rinku Walia, IKG PTU Hoshiarpur campus	Sunita
20	Significance of pH in Fine Grained Soil	Amit Kumar, Dharmender Soni, NIT Kurukshetra	Amit
89	Slope Stability Analysis by Bishop Analysis Using MATLAB Program Based on Particle Swarm Optimization Technique	Akhilesh Kumar, Ravi Sharma, NIT Hamirpur	Akhilesh
51	Effect of Ground granulated blast furnace Slag and Metakaolin on geotechnical properties of clayey soil	Abhishek, Ravi Sharma, Gopal Verma, NIT Hamirpur	Abhishek
110	Brick Kiln Dust Waste Management through Soil Stabilization GAURAV GUPTA	Gaurav Gupta, Hemant Sood and Pardeep Kumar Gupta, NITTAR, Chandigarh	Gaurav
5	Durability Property of Self compacting concrete with recycled aggregate and Silica Fume	Harpal Singh GDEC, ldn	Harpal

Organised by
Civil Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab), INDIA



International Conference

Sustainable Waste Management through Design (SWMD-18)

November 2-3, 2018

Paper Presentation Schedule

November 2, 2018; Session: B1; Venue: Consultancy Seminar Hall

Paper ID	Title	Authors	Signature
135	Optimization - Culling the Devil in the Details	Harpreet Rai, R V Anderson Associates Limited, London, Ontario, Canada	
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141	Design Methodologies for Eco-Friendly Pharmaceutical Waste Management -A Review AKHIL SHETTY	Akhil Shetty, Chitkara University Gaurav Gupta, NITTAR Chandigarh	

A study of Unconfined
Compressive Strength of
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mixes.

Jasbiran Sabti,
PEC University of
Technology, Chandigarh.

Organised by
Civil Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab), INDIA



International Conference

Sustainable Waste Management through Design (SWMD-18)

November 2 -3, 2018

Paper ID	Title	Authors	Signature
91	Engineering Properties of Self Compacting Concrete incorporating Metakaolin and Rice Husk Ash: A review	<u>Baban Kumar,</u> <i>Dr B R Ambedkar NIT Jalandhar</i>	<i>Baban Kumar</i>
21/	Combined use of accelerators and stone slurry powder in cement mortar	Kiran Devi, Babita Saini, <u>Paratibha Aggarwal,</u> <i>NIT, Kurukshetra</i>	<i>Kiran</i>
63	Laboratory study on effect of wastes on compressive strength of concrete	<u>Rachit Sharma,</u> <i>Guru Nanak Dev Engineering College Ludhiana</i>	<i>Rachit</i>
104	Investigation on Suitability of GH A - RHA as Partial Replacement of cement in Concrete	<u>Sunita Kumari,</u> Dinesh Chander, Rinku Walia, <i>IKG PTU Hoshiarpur campus</i>	<i>Sunita</i>
20/	Significance of pH in Fine Grained Soil	<u>Amit Kumar,</u> Dharmender Soni, <i>NIT Kurukshetra</i>	<i>Amit</i>
59	Slope Stability Analysis by Bishop Analysis Using MATLAB Program Based on Particle Swarm Optimization Technique	<u>Akhilesh Kumar,</u> Ravi Sharma, <i>NIT Hamirpur</i>	<i>AJ</i>
51	Effect of Ground granulated blast furnace Slag and Metakaolin on geotechnical properties of clayey soil	Ravi Sharma, Gopal Verma, <i>NIT Hamirpur</i>	
110	Brick Kiln Dust Waste Management through Soil Stabilization <u>GAURAV GUPTA</u>	<u>Gaurav Gupta,</u> Hemant Sood and <u>Pardeep Kumar Gupta,</u> <i>NITTAR, Chandigarh</i>	<i>Gaurav</i>
5	Durability Property of Self compacting concrete with recycled aggregate and silica fume	<u>Harpal Singh</u>	<i>h</i>

Organised by
Civil Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab), INDIA

Prog. No. 24

Title: Tribiological Analysis of four dimensional printed engineering materials

Date : 19/11/2018 - 24/11/2018



Guru Nanak Dev Engineering College, Ludhiana

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



Department of Production Engineering

QIP short term course

Certificate of Participation

This is to certify that Prof. Charwant Singh Pandher From GNDEC, Ludhiana participated in the 5 days course in "Tribological Analysis of Four Dimensional Printed Engineering Materials" from November 19-24, 2018.


Course Coordinator


Faculty Coordinator & Head of Dept.


QIP Coordinator

No. QIP/PE/51/2018



Prog. No. 25

Title: Advances in Antenna theory and techniques

Date : 03/12/2018 - 08/12/2018

Report of
AICTE - ISTE Induction/Refresher Course
on
Advances in Antenna Theory & Techniques
from 03/12/2018 to 08/12/2018

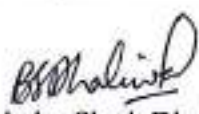
This course started on 03/12/2018 and we have conducted 22 technical sessions for the participants which included 17 theory sessions, 3 lab cum hands on sessions and 2 sessions by industry personals. Theory sessions are conducted by resource persons from reported institutions like IIT Jammu, Thapar Institute of Engg. & Tech. Patiala, Punjabi University Patiala besides experts from our own college. During lab sessions, hands - on practice is undertaken by the participants on the electromagnetic simulator and actual measurements of the fabricated prototypes are demonstrated. One session on the demonstration of fabrication of prototypes is conducted by industry persons. The topics covered in the program include

- Antenna design for 5G communication
- Antenna array failure correction
- Antenna design using soft - computing
- Meta - materials' applications in antenna design
- Different types of antennas, etc.

We had 22 participants from various states like JK, HP, Haryana, UP, different colleges of Punjab in addition to participants from our college. A session on art of living was also organized for the participants. As per the feedback of participants, they found this course useful due to many reasons like-

- Practical knowledge
- New research directions
- Forum for discussion on their research problems
- Networking etc.

The course was inaugurated by Dr. Manoj Kumar, Principal, DAV Institute of Engg. & Tech. Jalandhar and the certificates to the participants were distributed by Dr. Ajay Sharma, Vice-Chancellor of IKG PTU, Jalandhar during valediction function.


Dr. Balwinder Singh Dhaliwal
Course Coordinator



Presenting a token of gratitude to Expert Dr. Ardamanbir Singh (in the middle), right side (Coordinator Dr. Balwinder Singh Dhaliwal) and Left (Prof. Ameeta Sehra)



Coordinator, Principal, Chief Guest and HOD during inauguration ceremony



Department of Electronics & Communication Engineering

Guru Nanak Dev Engineering College

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

AICTE-ISTE

INDUCTION/REFRESHER COURSE

ON

"Advances in Antenna Theory and Techniques"



It is certified that Mr./Mrs./Dr./Ms. AMEETA SEEHRA of

GYNDEC, LUDHIANA has attended

the AICTE-ISTE Induction/Refresher Course on "Advances in Antenna Theory and Techniques" organized by

Department of Electronics & Communication Engineering, Guru Nanak Dev Engineering College, Ludhiana

during 03-12-2018 to 08-12-2018.


Course Coordinator




Head of Department

Prog. No. 26

Title: Green building and techniques

Date : 17/12/2018 - 21/12/2018

Five-day Faculty Development Program (FDP)
on
"Green Buildings & Techniques"

REPORT

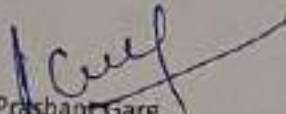
Period : 17th December – 21st December, 2018
Coordinator : Er. Himmi Gupta, Assistant Professor, NIITR, Chandigarh
Local Coordinator : Dr. Prashant Garg, Assistant Professor, GNDEC, Ludhiana

Building construction and its upkeep for livable conditions requires huge energy in the form of lighting, air-conditioning, operation of appliances etc. Green Building i.e. energy efficient building is the one which can reduce energy consumption as compared to conventional building. To address this issue a five-day Faculty Development Program on "Green Building & Techniques" from December 17-21, 2018 was organized jointly by Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana and National Institute of Technical Teachers Training & Research, Chandigarh.

Dr. K S Gill, Professor & Head, Civil Engineering Department, GNDEC, in his welcome speech highlighted the relevance of this course quoting the current environmental issues. He further highlighted that this course will enable the participating teachers to learn new techniques being followed to turn buildings into "Green Buildings". Dr. Sehijpal Singh, Principal, GNDEC, said that constructing Green Building is the need of an hour and congratulated Civil Engineering Department, GNDEC and NITTTR, Chandigarh for bringing a much-needed topic in the form of this five-day Faculty Development Program.

Chief Guest of the inaugural function Ar. Sanjay Goel, Director – Ludhiana Smart City Limited, graced the occasion. He congratulated Guru Nanak Dev Engineering College for providing quality engineers for the society. Course Coordinator, Er. Himmi Gupta, Assistant Professor, NITTTR, Chandigarh introduced the course and explain the importance of it in the present scenario. During this five-day long Faculty Development Program, various topics including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies will discussed by eminent engineers and Architects.

41 participants from various Engineering colleges attended the Faculty Development Program. During this five-day long Faculty Development Program, various topics including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies were discussed by eminent Engineers and Architects.


Dr. Prashant Garg
(Local Coordinator)
Assistant Professor, CE

Assistant Professor
Civil Engineering Deptt.
Guru Nanak Dev Engg. Coll.

Green Building and Techniques (17/12/2018 To 21/12/2018)

HINDUSTAN TIMES, JALANDHAR
TUESDAY, DECEMBER 18, 2018



• A guest being honoured during the inaugural function of course on 'Green Buildings and Techniques' at Guru Nanak Dev Engineering College in Ludhiana on Monday. HT PHOTO

Five-day course on 'Green buildings' starts at GNDEC

HT Correspondent

ludhiana@hindustantimes.com

LUDHIANA: A five-day course on 'Green building and techniques' is being organised at Guru Nanak Dev Engineering College (GNDEC), Ludhiana.

The course, which began on Monday, is being organised jointly by the department of civil engineering, Guru Nanak Dev Engineering College (GNDEC), Ludhiana, and National Institute of Technical Teachers Training and

Research (NITTTR), Chandigarh.

K S Gill, head, civil engineering department, GNDEC, highlighted the relevance of the course quoting the current environmental issues.

He said the course will enable teachers to learn new techniques being followed to turn buildings into green buildings.

GNDEC principal Sehijpal Singh said constructing green buildings is the need of an hour.

The chief guest, Sanjay Goel, director, Ludhiana Smart City

Limited, congratulated GNDEC for providing quality engineers for the society.

Course coordinator Himmi Gupta, assistant professor, NITTTR, Chandigarh, said during the five-day course, various topics, including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies will be discussed by eminent engineers and architects.

ciation celebrates Pensioners Day

Illustration 1: News in newspaper

Efficient green buildings need of the hour: Experts

TRIBUNE NEWS SERVICE

LUDHIANA, DECEMBER 17

Building construction and its upkeep for livable conditions requires huge energy in the form of lighting, air-conditioning, operation of appliances, etc. Green building ie energy efficient building is the one which can reduce energy consumption as compared to conventional building.

To address this issue a five day short term course on "Green Building and Techniques" from December 17-21, 2018 is being organised jointly by Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana and National Institute of Technical Teachers Training and Research, Chandigarh.

Dr K S Gill, Professor and Head, Civil Engineering Department, GNDEC, in his welcome speech highlighted the relevance

A five-day short-term course on 'Green buildings and techniques' was held at GNDEC

of this course quoting the current environmental issues. He further highlighted that this course will enable the participating teachers to learn new techniques being followed to turn buildings into 'green buildings'.

A green building is one which uses less water, improves energy efficiency, conserves natural resources, generates less waste and provides healthier spaces for occupants as compared to a conventional building.

Dr Sehijpal Singh, Principal, GNDEC, said that constructing Green Building is the need of an hour and congratulated Civil

Engineering Department, GNDEC and NITTTR, Chandigarh for bringing a much needed topic in the form of this five day short term course.

Chief guest of the inaugural function Sanjay Goel, Director - Ludhiana Smart City Limited, graced the occasion. He congratulated Guru Nanak Dev Engineering College for providing quality engineers for the society.

Course Coordinator Himmi Gupta, Assistant Professor, NITTTR, Chandigarh said that during this five day long short term course, various topics including global environmental issues, concepts and importance of green buildings, its components and design, energy conservation building code, rating systems for green buildings and case studies will be discussed by eminent engineers and architects.

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Illustration 2: News in newspaper about course



31/8/19

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

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

Pritpal 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




Coordinator


Head of Department


Director



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



3164/19

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

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

Gurdeepak 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

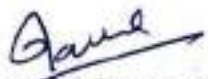
One Week

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

LIST OF PARTICIPANTS

S.N.	Description	
1	Name of College/Institute & Address	Guru Nanak Dev Engineering College, Gill Road, Ludhiana.
2	Short Term Course Title	Green Building and Techniques
3	STC O. Plan Number	CE-25
4	Duration of Course	From 17/12/2018 To 21/12/2018
5	Name, Designation of Local Course Coordinator	Dr. Prashant Garg, Assistant Professor
6	Mobile No. & Email-id of Local Course Coordinator	9914313435

Sr. No.	Name & Designation of Participant (in Block Letters)	Official Address of the Institute (in Block Letters)
1.	Gagandeep Kaur Grewal, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
2.	Sandeep Kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
3.	Pritpal Kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
4.	Harpal Singh, Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
5.	Amandeep Singh Gill, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
6.	Sukhwinder Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
7.	Prashant Garg, Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
8.	Harmeet Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
9.	Rajvir Kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
10.	Yuvraj Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
11.	Gurdeepak Singh, Associate Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
12.	Sukhwinderpal Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
13.	Tanpreet Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
14.	Gurbir Kaur Jawanda, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
15.	Manvinder Kingra, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
16.	Bhupinder Singh Walia, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
17.	Inderpreet Kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
18.	Tanu Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
19.	Mandeep Kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

20.	Sahibdeep Singh Setia, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
21.	Pankaj Bhambari, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
22.	Rupinderjit Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
23.	Baljeet Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
24.	Harvinder Singh, Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
25.	Ananta Sharma, Assistant Professor	GULZAR GROUP OF INSTITUTES, KHANNA
26.	Navneet Singh Bhangu, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
27.	Harmeet Singh Gill, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
28.	Sukhwinder Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
29.	Charanjit Singh, Assistant Professor	CHANDIGARH UNIVERSITY
30.	Pardeep Singh Joia, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
31.	Gurjot kaur, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
32.	Kuldeep Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
33.	Ajitpal Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
34.	Rajwinder Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
35.	Jagdish Preet Singh, Assistant Professor	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
36.	Shahbaz Singh, Assistant Professor	GURU NANAK DEV POLYTECHNIC COLLEGE, LUDHIANA
37.	Brahmjot Singh, Assistant Professor	GURU NANAK DEV POLYTECHNIC COLLEGE, LUDHIANA
38.	Dr. M.K. Kaushik Assistant Professor	D.A.V. INSTITUTE OF ENGINEERING AND TECHNOLOGY, JALANDHAR
39.	Hardev Singh Assistant Professor	G.N.A. UNIVERSITY, PHAGWARA
40.	Ismiitpal Singh	GURU NANAK DEV POLYTECHNIC COLLEGE, LUDHIANA
41.	B.S. Walia	GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

Verified by :

Dr. Pradeep Singh
Name & Signature of:
Local Co-ordinator Short Term Course
Assistant Professor
Civil Engineering Deptt.

Prog. No. 27

Title: AI, Big Data and HPC Aligned Applications – A Modern Approach of Computing.

Date : 31/12/2018 - 04/01/2019

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
Department of Information Technology

No. IT/09/1417

Dated: 21st November 2018

QIP Coordinator,
Guru Nanak Dev Engineering College,
Ludhiana

Sir,

Vide reference to your meeting held on dated 30th August 2018 for scrutiny of proposals of STTPs under QIP; Information Technology Dept. is allowed to conduct the Programme on title "AI, Bigdata and HPC Aligned Applications – A Modern Approach of Computing". You are requested to allow for conducting this programme during 31st December 2018 – 04th January 2019 at Consultancy Hall of the Institute.

[Signature]
21.11.2018
Head of Department,

Information Technology Dept.

CC: Office Copy

Principal for kind approval P/s.

Mech Engg Consultancy from 4 Dec - 8 Dec
7 Jan - 11 Jan

RS

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May be allowed
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Noted/seen/Circulated
27/11/18

Allowed / Not Allowed
Principal

**GURU NANAK DEV ENGINEERING COLLEGE
(QIP CELL)**

for STTP

MINUTES OF MEETING HELD ON 30.8.2018 AT 11 AM FOR SCRUTINY OF PROPOSALS SUBMITTED BY VARIOUS ENGINEERING DEPARTMENTS FOR YEAR 2018-19 UNDER QIP

Following were present:

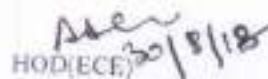
1. Dr. P.S. Bilga, HOD(Mech.)
2. Dr. S.S. Gill, HOD(ECE)
3. QIP Coordinator

Following recommendations are made:-

Sr.No.	Name of deptt	Title of STTP	Proposed dates	Status
1	IT	AI, Bigdata and HPC Aligned Applications-A modern approach of computing	17-21/12/2018	Accepted. ➤ Final date to be fixed in consultation with QIP cell
2	EE	Energy conservation and Alternative source of energy	29.10.2018 to 2.11.2018	Approved in principle. ➤ Proposal to be resubmitted by adding state of art technology information ➤ Updated resource persons of national repute to be added.
3	ECE	Machine learning applications in engineering	17-21/12/2018	Accepted. ➤ Final date to be fixed in consultation with QIP cell
4	ME	Decision making strategies in industrial environment	3-7/12/2018	Accepted. ➤ Final date to be fixed in consultation with QIP cell
5	CSE	Recent trends in networks, communication and security	3-7/12/2018	Accepted. ➤ Final date to be fixed in consultation with QIP cell
6	CE	Analysis and design of RC Buildings: Concepts and practice		Accepted. Final date to be fixed in consultation with QIP cell. ➤ No. of participants 30 (minimum) are required. ➤ Fixed dates to be provided. ➤ State of art has to be highlighted ➤ List of renowned national experts as probable speakers to be incorporated.
7	PE	Tribological analysis of four dimensional printed engineering materials	9-13/10/2018	Accepted. ➤ Final date to be fixed in consultation with QIP cell

As per requirement of statutory body, video bites of each and every talk and still photographs are to be retained and submitted to QIP cell in soft form after completion of STTP along with all the documents (bill, receipts etc.) in original. The course coordinator are requested to follow the budgetary guidelines strictly, which will be supplied by QIP cell.


HOD(ME) 30/8/2018


HOD(ECE) 30/8/18


QIP Coordinator 30.8.2018

**Event Report of Quality Improvement Programme (QIP) Short Term Course (STC) on
"AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing"
during Dec. 31st, 2018 to Jan. 04th, 2019**

Information Technology Department of Guru Nanak Dev Engineering College, Ludhiana concluded the weeklong series of lectures and hands-on practice sessions on Quality Improvement Programme (QIP) Short Term Course (STC) on title "AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing". This STC was sponsored by QIP Centre of the Institute. The valediction programme of this course was organized in the consultancy seminar hall of the campus on Friday. This programme was organized with the objective of sharing recent developments in the areas of Artificial Intelligence, Big Data and High Performance Computing with practical demonstration. 17 resource persons of renowned institutions of the region had shared their views and further research areas among the participants.

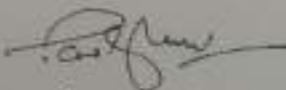
Dr. Sarabjot Singh Anand from Sabudh Foundation, New Delhi was invited as chief guest for the valediction of this programme. In his speech, chief guest emphasised that awareness of technology trends in AI and HPC is the need of the hour, but at same time security of information transferred is important area of concern. He further elaborated that role of hidden variables in machine learning.

In the whole five day programme the academicians, software professional and researchers were invited to deliver the expert talks during the course. During this programme, Dr. Shashi Shekhar Jha from IIT Ropar elaborated the case study of Demands and Supplies Prediction for Taxis in Singapore. Dr. Sukhwinder Singh, Director, Computer Centre at Panjab University, Chandigarh pointed out various innovative ideas implemented at the industry and government level for the concern of Artificial Intelligence and High Performance Computing. Dr. Kuldeep Kumar from Dr. B.R. Ambedkar National Institute of Technology, Jalandhar discussed the topics of Practical Approach to Research Methodologies and Industry-Academic Research Trends in Computing. He demonstrated the contents by sharing live examples.

Er. Navjot Singh from AlertEnterprise Chandigarh shared his views on Disruptive Applications of AI in Various Industries with Use Cases and Scientific Solutions. He elaborated the Alignment of Academic and Research in Modern Day AI based Disruption and Opportunity for Application Oriented Research Activities. Dr. Pankaj Bhambri from GNDEC Ludhiana presented the role and need of High Performance Computing with evolving research trends in bioinformatics. Mr. Vipin Gupta from U-Net Solution organized the hands on session on Implementation of Docker Cluster and Software Defined Networking. Dr. Nirmal Kaur from UIET Panjab University Chandigarh and Er. Amit Deogir from NITTTR Chandigarh delivered their expert talks on Need cum Techniques for Energy Aware Scheduling and Implementation of Load Balancer for Big Data Applications, respectively. Er. Sandeep Kumar Singla shared his practical exposure to Big Data Analytics using the R Lab.

Dr. Pankaj Bhambri, the course coordinator of this programme conveyed that this course was organized with the objectives to expose the faculty/ research scholars/ industry based persons in emerging technologies. This programme provided the practical foundation level training to enable the audience for insight into digital disruption and accelerating machine learning on AI through performance libraries and platforms. Dr. Bhambri informed that the course contents for this STC included AI, Bigdata & HPC aligned applications; Exposure to Analysis; Interpretation of Data; AI, Big Data & HPC Research Methods; Exploration of Contemporary Research in Teaching Learning; Real Life Implementation Scenarios; Case Studies and Lab Sessions.

Dr. Kiran Jyoti, HOD of IT Dept. and faculty coordinator of this course presented the summary & feedback report of this short term course at valediction programme. She shared the roles of social media, mobility, analytics and cloud computing. Dr. Shijpal Singh, Principal of GNDEC mentioned the benefits as well as wastage of resources due to updation in technology every day. He discussed the significance of these types of courses for faculties as well as researchers and congratulated the course coordinators for organizing this STC. Participation Certificates were issued to 41 participants, which came from different regions of the country to attend this STC.


PANKAJ BHAMBRI
Course Coordinator


D. Kiran Jyoti
HOD(IT)





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

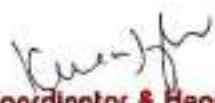
QIP SHORT TERM COURSE

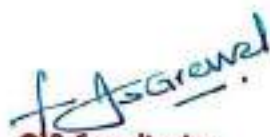


Certificate of Participation

*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 31st December 2018
to 04th January 2019.*


Course Coordinator


Faculty Coordinator & Head of Dept.


QIP Coordinator

No. IT/QIP/Jan.2019/41



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 31st December 2018 to 04th January 2019.

[Signature]
Course Coordinator

[Signature]
Faculty Coordinator & Head of Dept.

[Signature]
QIP Coordinator

Attendance Sheet

Name of the Course: AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing

Date: 02nd January 2019 (Wednesday)

Venue: Consultancy Seminar Hall, Guru Nanak Dev Engineering College Ludhiana

S.No.		Name of the Participant	Designation	Day 3 (Signatures)			
				Session-3.1 (09.00-10:30am)	Session-3.2 (10.45-12:15pm)	Session-3.3 (01.00-02:30pm)	Session-3.4 (02.45-04:15pm)
1	Dr.	Amit Kamra	Assistant Professor				
2	Er.	Birpal Kaur	Assistant Professor				
3	Er.	Dinesh Anand	Assistant Professor				
4	Er.	Divya Sharma	Research Scholar				
5	Er.	Gitanjali	Research Scholar				
6	Er.	Gurjit Kaur	Assistant Professor				
7	Er.	Gurjot Singh	Assistant Professor				
8	Er.	Hanit Kaur	Assistant Professor				
9	Er.	Harjot Kaur Gill	Assistant Professor				
10	Er.	Harpreet Kaur	Assistant Professor				
11	Er.	Harsimran Kaur	Research Scholar				
12	Er.	Jagdeep Singh	Assistant Professor				
13	Er.	Jasmine Kaur	Assistant Professor				
14	Dr.	K.S. Mann	Professor				
15	Dr.	Kamaljit Kaur	Assistant Professor				
16	Er.	Kapil Kumar	Assistant Professor				

Attendance Sheet

Name of the Course: AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing

Date: 02nd January 2019 (Wednesday)

Venue: Consultancy Seminar Hall, Guru Nanak Dev Engineering College Ludhiana

S.No.		Name of the Participant	Designation	Day 3 (Signatures)			
				Session-3.1 (09.00-10:30am)	Session-3.2 (10.45-12:15pm)	Session-3.3 (01.00-02:30pm)	Session-3.4 (02.45-04:15pm)
17	Mr.	Karanbir Singh	CEO				
18	Dr.	Kiran Jyoti	Assistant Professor				
19	Er.	Mandeep Kaur	Assistant Professor				
20	Er.	Mandeep Kaur	Research Scholar				
21	Er.	Navpreet Kaur	Research Scholar				
22	Er.	Nidhi Sharma	Assistant Professor				
23	Dr.	Pankaj Bhambri	Assistant Professor				
24	Ms.	Parminder Kaur	Assistant Professor				
25	Er.	Prabhjot Kaur	Research Scholar				
26	Er.	Prabhjot Kaur	Assistant Professor				
27	Mr.	Puneet Singh	Director				
28	Er.	Rajni Puri	Assistant Professor				
29	Er.	Rupinder Kaur	Assistant Professor				
30	Er.	Sachin Bagga	Assistant Professor				
31	Er.	Sandeep Kumar Singla	Assistant Professor				
32	Er.	Sartinderpal Singh	AP (CP)/ CP, Computer Centre				
33	Er.	Shifa Grover	Research Scholar				

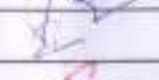
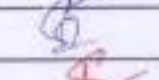
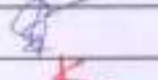
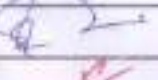
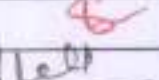
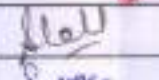
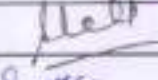
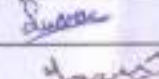
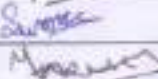
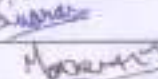
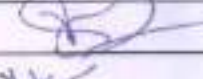
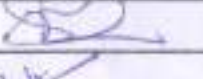
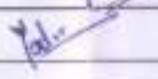
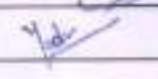
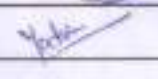
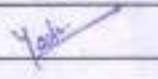
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Attendance Sheet

Name of the Course: AI, Big Data and HPC Aligned Applications - A Modern Approach of Computing

Date: 02nd January 2019 (Wednesday)

Venue: Consultancy Seminar Hall, Guru Nanak Dev Engineering College Ludhiana

S.No.		Name of the Participant	Designation	Day 3 (Signatures)			
				Session-3.1 (09.00-10:30am)	Session-3.2 (10.45-12:15pm)	Session-3.3 (01.00-02:30pm)	Session-3.4 (02.45-04:15pm)
34	Er.	Shivani Arora Abrol	Assistant Professor				
35	Er.	Sidharth Jain	Assistant Professor				
36	Dr.	Sumeet Kaur Sehra	Assistant Professor				
37	Ms.	Sunanda Lal	Assistant Professor				
38	Er.	Swaranjit Singh	Research Scholar				
39	Ms.	Taranpreet Kaur	Assistant Professor				
40	Dr.	Vikas Singla	Assistant Professor				
41	Er.	Yadvir Kaur	Assistant Professor				

Prog. No. 28

Title: Recent Trends in Networks,
Communications & Security

Date : 28/01/2019 - 01/02/2019

Report

QIP Short Term Course

on

RECENT TRENDS IN NETWORKS, COMMUNICATIONS AND SECURITY

28th January, 2019 – 1st February, 2019

Department of Computer Science and Engineering

Guru Nanak Dev Engineering College Ludhiana, Punjab – 141006

The recent developments in the wireless communication field have inspired the researchers and technologists have further understanding of networks, communications and security related issues. The performance of application based technologies is assessed through certain performance attributes of communication technology. The design of energy efficient protocols with prolonged coverage as well as security of already established network are key aspects of modern wireless based communication technologies. In order to understand these technical challenges in the light of basic knowledge from academia, the QIP sponsored course on “Recent Trends in Networks, Communications and Security” started on 28th January. This course has been organized by Department of Computer Science and Engineering, at Guru Nanak Dev Engineering College, Ludhiana from 28th January to 1st February 2019.

On the inauguration day of course, Prof. L.K. Awasthi, Director, Dr. B.R.Ambedker National Institute of Technology, Jalandhar motivated the participants through his benign presence and expert talk. The Prof. Awasthi emphasized on the importance of emerging trends in the field of Networks, Communications and security. He focused on fundamental understanding and designing of the basic attributes of various security issues in cloud computing.

Sharing his view on this occasion, Dr. Sehijpal Singh, Principal, GNDEC, also appreciated the importance of new trends in communication technology as need of the hour. He emphasized on minimizing gap between industry based technical challenges and academic research /developments. He has motivated the participants to add up their knowledge through interaction with experts.

Dr. Parminder Singh HOD, Computer Science and Engineering Dept., also shared his views. He mentioned broad aspect of recent trends in communication, security and networks areas.

He thanked Prof. Awasthi, Dr. Sehijpal Singh, Heads of various departments, QIP co-ordinator and participants for attending this course.

Prof. Amandeep Kaur Sohal ,co-ordinator of course welcomed the participants and also outlined about the course curriculum. At last Prof. Manjot Kaur extended the vote of thanks to audience.

The objective of course is to provide detailed knowledge in the field of computer networks and will benefit to faculty/research scholars for getting insight of challenges of wireless communications. Briefly, QIP-course includes Introduction to latest trends and technologies of Advanced Computer Networks, Wireless Communications, Adhoc and Wireless Sensor Networks, Network Layers, Protocols and Optimization, Network Security, Internet of Things (IoT) and Cloud Computing and etc.

The experts from various reputed institutes such as Dr. Sakshi Kaushal, Professor, UIET, Chandigarh, Dr. Sandeep Sood Professor, Regional Campus, Gurdaspur, Dr. A. K. Verma Professor, TIET, Patiala, Dr. Samayveer Singh, Assistant Professor, Dr. B.R. Ambedkar NIT, Jalandhar, Dr. Navneet Kaur Assistant Professor, BBSBEC, Fatehgarh Sahib, Dr. Kiran Ahuja, Assistant Professor, DAVIET, Jalandhar, Mr. Karanpal Singh, Director, NEBERO Systems, Mohali Chandigarh delivered lectures , Hand on Trainings and practical sessions to understand the topics in details.

Dr. Maninder Singh, Professor and Head , TIET, Patiala highlighted the security issues related to internet and discussed various challenges and research problem in the field of communications and security. He also graced valedictory session by distributing the certificates.



(Amandeep Kaur Sohal)

Assistant Prof.(CSE)

GNDEC, Ludhiana







QIP Sponsored STC (28 Jan - 1 Feb, 2019)

Attendance Sheet

Date: 28 Jan 2019

S. No.	Name	Institute	Session I	Session II
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
	Ms. Surjeet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC	Swaranjit Singh	Swaranjit Singh
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasna Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsharan Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College	Gurjit Kaur	Gurjit Kaur
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College	Jaspreet Singh	Jaspreet Singh
21	Ms. NAVPREET Kaur	GURU NANAK DEV ENGINEERING COLLEGE	Navpreet Kaur	Navpreet Kaur

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>gitanjali</i>	<i>gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>harsimarjeet</i>	<i>harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet</i> <i>Kaur</i>	<i>Chandanpreet</i> <i>Kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>Shailja</i>	<i>Shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder</i>	<i>Sukhjinder</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Harnoor singh	Guru nanak dev engineering college	<i>Harnoor</i>	<i>Harnoor</i>
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>AK</i>	<i>AK</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>

Sr. No.	College Roll No.	University Roll No.	Student Name	Session I	Session II
1	185001	185001	Amanjit Kaur	<u>Aman</u>	<u>Aman</u>
2	185002	185002	Ankit Kumar	<u>_____</u>	<u>_____</u>
3	185004	185004	Dilrose Kaur	<u>Dilrose</u>	<u>Dilrose</u>
4	185005	185005	Gagneet Kaur	<u>Gagneet Kaur</u>	<u>Gagneet Kaur</u>
5	185006	185006	Harnoor Singh	<u>Harnoor Singh</u>	<u>Harnoor Singh</u>
6	185007	185007	Himani Sharma	<u>Himani Sharma</u>	<u>Himani Sharma</u>
7	185008	185008	Himanshi Bansal	<u>_____</u>	<u>_____</u>
8	185009	185009	Jaskiran Kaur	<u>_____</u>	<u>_____</u>
9	185010	185010	Kamaljit Kaur	<u>Kamaljit</u>	<u>Kamaljit</u>
10	185011	185011	Komal	<u>Komal</u>	<u>Komal</u>
11	185012	185012	Kulvinder Kaur	<u>Kulvinder</u>	<u>Kulvinder</u>
12	185013	185013	Manpreet Kaur.	<u>Manpreet Kaur</u>	<u>Manpreet Kaur</u>
13	185014	185014	Manpreet Kaur	<u>Manpreet</u>	<u>Manpreet</u>
14	185015	185015	Navdeep Kaur Deol	<u>Navdeep</u>	<u>Navdeep</u>
15	185016	185016	Palak Sood	<u>Palak Sood</u>	<u>Palak Sood</u>
16	185017	185017	Rajneet Kaur	<u>Rajneet Kaur</u>	<u>Rajneet Kaur</u>
17	185018	185018	Shreya Sood	<u>Shreya Sood</u>	<u>Shreya Sood</u>
18	185019	185019	Mir Junaid Rasool	<u>Mir Junaid</u>	<u>Mir Junaid</u>

QIP Sponsored STC (28 Jan - 1 Feb, 2019)

Attendance Sheet

Date: 28 Jan 2019

S. No.	Name	Institute	Session III	Session IV
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>gitanjali</i>	<i>gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>harsimarjeet</i>	<i>harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>chandanpreet</i>	<i>chandanpreet</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>shailja</i>	<i>shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Har Moor Singh	Guru nanak dev engineering college	Har Moor Singh	Har Moor Singh
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>Amandeep</i>	<i>Amandeep</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>
38	Shifa Grover	"	<i>Shifa</i>	<i>Shifa</i>

28/1/19

Sr. No.	College Roll No.	University Roll No.	Student Name	Session III	Session IV
1	185001	185001	Amanjit Kaur	Aur	Aur
2	185002	185002	Ankit Kumar	—	—
3	185004	185004	Dilrose Kaur	Dilrose	Dilrose
4	185005	185005	Gagneet Kaur	Gagneet Kaur	Gagneet Kaur
5	185006	185006	Harnoor Singh	Harnoor Singh	Harnoor Singh
6	185007	185007	Himani Sharma	Himani Sharma	Himani Sharma
7	185008	185008	Himanshi Bansal	—	—
8	185009	185009	Jaskiran Kaur	—	—
9	185010	185010	Kamaljit Kaur	Kamaljit	Kamaljit
10	185011	185011	Komal	Komal	Komal
11	185012	185012	Kulvinder Kaur	Kulvinder	Kulvinder
12	185013	185013	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
13	185014	185014	Manpreet Kaur	Manpreet	Manpreet
14	185015	185015	Navdeep Kaur Deol	Navdeep	Navdeep
15	185016	185016	Palak Sood	Palak Sood	Palak Sood
16	185017	185017	Rajneet Kaur	Rajneet Kaur	Rajneet Kaur
17	185018	185018	Shreya Sood	Shreya Sood	Shreya Sood
18	185019	185019	Mir Junaid Rasool	Mir Junaid	Mir Junaid

QIP Sponsored STC (28 Jan - 1 Feb, 2019)

Attendance Sheet

Date: 29 Jan 2019

S. No.	Name	Institute	Session I	Session II
1	Ms. Namanvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC, Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Svarajjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>Ms. Gitanjali</i>	<i>Ms. Gitanjali</i>
23	Ms. Harsimareet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Harsimareet Kaur</i>	<i>Harsimareet Kaur</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet Kaur</i>	<i>Chandanpreet Kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil Sharma</i>	<i>Kapil Sharma</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Dr Inderjit Singh</i>	<i>Dr Inderjit Singh</i>
27	Ms. shailja	GNDEC LDH	<i>Shailja</i>	<i>Shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Mr. Daljeet Singh</i>	<i>Mr. Daljeet Singh</i>
30	Mr. Harman Singh	Guru nanak dev engineering college	<i>Harman Singh</i>	<i>Harman Singh</i>
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak Rehan</i>	<i>Palak Rehan</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Ms. Manjot Kaur Gill</i>	<i>Ms. Manjot Kaur Gill</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>Ms. Amandeep Kaur Sohal</i>	<i>Ms. Amandeep Kaur Sohal</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef Ahmad Bhat</i>	<i>Tawseef Ahmad Bhat</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot Kaur</i>	<i>Manjot Kaur</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Mr. Satinderpal Singh</i>	<i>Mr. Satinderpal Singh</i>

29/11/19

Sr. No.	College Roll No.	University Roll No.	Student Name	Session I	Session II
1	185001	185001	Amanjit Kaur	<u>Am</u>	<u>Am</u>
2	185002	185002	Ankit Kumar	<u>—</u>	<u>—</u>
3	185004	185004	Dilrose Kaur	<u>silrose</u>	<u>silrose</u>
4	185005	185005	Gagneet Kaur	<u>gagneet kaur</u>	<u>gagneet kaur</u>
5	185006	185006	Harnoor Singh	<u>harnoor singh</u>	<u>harnoor singh</u>
6	185007	185007	Himani Sharma	<u>Himani Sharma</u>	<u>Himani Sharma</u>
7	185008	185008	Himanshi Bansal	<u>—</u>	<u>—</u>
8	185009	185009	Jaskiran Kaur	<u>—</u>	<u>—</u>
9	185010	185010	Kamaljit Kaur	<u>kamaljit</u>	<u>kamaljit</u>
10	185011	185011	Komal	<u>Komal</u>	<u>Komal</u>
11	185012	185012	Kulvinder Kaur	<u>Kulvinder</u>	<u>Kulvinder</u>
12	185013	185013	Manpreet Kaur	<u>Manpreet Kaur</u>	<u>Manpreet Kaur</u>
13	185014	185014	Manpreet Kaur	<u>Manpreet</u>	<u>Manpreet</u>
14	185015	185015	Navdeep Kaur Deol	<u>Navdeep</u>	<u>Navdeep</u>
15	185016	185016	Palak Sood	<u>Palak Sood</u>	<u>Palak Sood</u>
16	185017	185017	Rajneet Kaur	<u>Rajneet Kaur</u>	<u>Rajneet Kaur</u>
17	185018	185018	Shreya Sood	<u>Shreya Sood</u>	<u>Shreya Sood</u>
18	185019	185019	Mir Junaid Rasool	<u>Mir Junaid</u>	<u>Mir Junaid</u>

QIP Sponsored STC (28 Jan - 1 Feb, 2019)

Attendance Sheet

Date: 29 Jan 2019

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1	Ms. Karamvir kaur	GNDEC		
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5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC	Swaranjit Singh	Swaranjit Singh
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
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13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
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20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College	Jaspreet Singh	Jaspreet Singh
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>gitanjali</i>	<i>gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>harsimarjeet</i>	<i>harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet Kaur</i>	<i>Chandanpreet Kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit Singh</i>	<i>Inderjit Singh</i>
27	Ms. shailja	GNDEC LDH	<i>shailja</i>	<i>shailja</i>
28	Ms. Sukhiinder Kaur	GNDEC	<i>Sukhiinder Kaur</i>	<i>Sukhiinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Haroor singh	Guru nanak dev engineering college	<i>Haroor singh</i>	<i>Haroor singh</i>
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>Amandeep</i>	<i>Amandeep</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal Singh</i>	<i>Satinderpal Singh</i>

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Sr. No.	College Roll No.	University Roll No.	Student Name	Signature
1	185001	185001	Amanjit Kaur	Amanjit
2	185002	185002	Ankit Kumar	Ankit
3	185004	185004	Dilrose Kaur	Dilrose
4	185005	185005	Gagneet Kaur	Gagneet
5	185006	185006	Harnoor Singh	Harnoor Singh
6	185007	185007	Himani Sharma	Himani Sharma
7	185008	185008	Himanshi Bansal	Himanshi
8	185009	185009	Jaskiran Kaur	Jaskiran
9	185010	185010	Kamaljit Kaur	Kamal
10	185011	185011	Komal	Komal
11	185012	185012	Kulvinder Kaur	Kulvinder
12	185013	185013	Manpreet Kaur	Manpreet
13	185014	185014	Manpreet Kaur	Manpreet
14	185015	185015	Navdeep Kaur Deol	Navdeep
15	185016	185016	Palak Sood	Palak Sood
16	185017	185017	Rajneet Kaur	Rajneet
17	185018	185018	Shreya Sood	Shreya
18	185019	185019	Mir Junaid Rasool	Mir Junaid

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S. No.	Name	Institute	Session I	Session II
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	Gitanjali	Gitanjali
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	Harsimarjeet	Harsimarjeet
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	Chandanpreet Kaur	Chandanpreet Kaur
25	Mr. Kapil Sharma	GNDEC LDH	Kapil	Kapil
26	Dr Inderjit Singh	GNDEC, Ludhiana	Inderjit	Inderjit
27	Ms. shailja	GNDEC LDH	Shailja	Shailja
28	Ms. Sukhjinder Kaur	GNDEC	Sukhjinder Kaur	Sukhjinder Kaur
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	Daljeet	Daljeet
30	Mr. Harnoor singh	Guru nanak dev engineering college		
31	Ms. Palak Rehan	GNDEC LDH	Palak	Palak
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	Manjot	Manjot
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	Amandeep	Amandeep
34	Ms. Meetali	GNDEC, LUDHIANA	Meetali	Meetali
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	Tawseef	Tawseef
36	Manjot Kaur	GNDEC, LUDHIANA	Manjot	Manjot
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	Satinderpal	Satinderpal

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Sr. No.	College Roll No.	University Roll No.	Student Name	Session I	Session II
1	185001	185001	Amanjit Kaur	<u>Aman</u>	<u>Aman</u>
2	185002	185002	Ankit Kumar	<u>—</u>	<u>—</u>
3	185004	185004	Dilrose Kaur	<u>Dilrose</u>	<u>Dilrose</u>
4	185005	185005	Gagneet Kaur	<u>Gagneet Kaur</u>	<u>Gagneet Kaur</u>
5	185006	185006	Harnoor Singh	<u>Harnoor Singh</u>	<u>Harnoor Singh</u>
6	185007	185007	Himani Sharma	<u>Himani Sharma</u>	<u>Himani Sharma</u>
7	185008	185008	Himanshi Bansal	<u>—</u>	<u>—</u>
8	185009	185009	Jaskiran Kaur	<u>—</u>	<u>—</u>
9	185010	185010	Kamaljit Kaur	<u>Kamaljit</u>	<u>Kamaljit</u>
10	185011	185011	Komal	<u>Komal</u>	<u>Komal</u>
11	185012	185012	Kulvinder Kaur	<u>Kulvinder</u>	<u>Kulvinder</u>
12	185013	185013	Manpreet Kaur	<u>Manpreet Kaur</u>	<u>Manpreet Kaur</u>
13	185014	185014	Manpreet Kaur	<u>Manpreet</u>	<u>Manpreet</u>
14	185015	185015	Navdeep Kaur Deol	<u>Navdeep</u>	<u>Navdeep</u>
15	185016	185016	Palak Sood	<u>Palak Sood</u>	<u>Palak Sood</u>
16	185017	185017	Rajneet Kaur	<u>Rajneet Kaur</u>	<u>Rajneet Kaur</u>
17	185018	185018	Shreya Sood	<u>Shreya Sood</u>	<u>Shreya Sood</u>
18	185019	185019	Mir Junaid Rasool	<u>Junaid</u>	<u>Junaid</u>

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S. No.	Name	Institute	Session III	Session IV
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>gitanjali</i>	<i>gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>harsimarjeet</i>	<i>harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>chandanpreet kaur</i>	<i>chandanpreet kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>shailja</i>	<i>shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Hardeep Singh	Guru nanak dev engineering college	<i>Hardeep Singh</i>	<i>Hardeep Singh</i>
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>AK</i>	<i>AK</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>meetali</i>	<i>meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>

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Sr. No.	College Roll No.	University Roll No.	Student Name	Session III	Session IV
1	185001	185001	Amanjit Kaur	Am	Am
2	185002	185002	Ankit Kumar	—	—
3	185004	185004	Dilrose Kaur	Dilrose	Dilrose
4	185005	185005	Gagneet Kaur	Gagneet Kaur	Gagneet Kaur
5	185006	185006	Harnoor Singh	Harnoor Singh	Harnoor Singh
6	185007	185007	Himani Sharma	Himani Sharma	Himani Sharma
7	185008	185008	Himanshi Bansal	—	—
8	185009	185009	Jaskiran Kaur	—	—
9	185010	185010	Kamaljit Kaur	Kamaljit	Kamaljit
10	185011	185011	Komal	Komal	Komal
11	185012	185012	Kulvinder Kaur	Kulvinder	Kulvinder
12	185013	185013	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
13	185014	185014	Manpreet Kaur	Manpreet	Manpreet
14	185015	185015	Navdeep Kaur Deol	Navdeep	Navdeep
15	185016	185016	Palak Sood	Palak Sood	Palak Sood
16	185017	185017	Rajneet Kaur	Rajneet Kaur	Rajneet
17	185018	185018	Shreya Sood	Shreya Sood	Shreya Sood
18	185019	185019	Mir Junaid Rasool	Mir Junaid	Mir Junaid

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S. No.	Name	Institute	Session I	Session II
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>gitanjali</i>	<i>gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>harsimarjeet</i>	<i>harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet kaur</i>	<i>Chandanpreet kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>shailja</i>	<i>shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Dal</i>	<i>Dal</i>
30	Mr. Harneer singh	Guru nanak dev engineering college	Harneer singh	Harneer singh
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Man</i>	<i>Man</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>AK</i>	<i>AK</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>

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Sr. No.	University Roll No.	Student Name	Session I	Session II
1	1805778	Amanjit Kaur	Amanjit	Amanjit
2	1805779	Ankit Kumar	Ankit	Ankit
3	1805780	Dilrose Kaur	Dilrose Kaur	Dilrose Kaur
4	1805781	Gagneet Kaur	Gagneet Kaur	Gagneet Kaur
5	1805782	Harnoor Singh	Harnoor Singh	Harnoor Singh
6	1805783	Himani Sharma	Himani Sharma	Himani Sharma
7	1805784	Himanshi Bansal	Himanshi	Himanshi
8	1805786	Kamaljit Kaur	Kamaljit	Kamaljit
9	1805787	Komal	Komal	Komal
10	1805788	Kulvinder Kaur	Kulvinder	Kulvinder
11	1805789	Manpreet Kaur	Manpreet	Manpreet
12	1805790	Manpreet Kaur	Manpreet	Manpreet
13	1805791	Mir Junaaid Rasool	Junaaid	Junaaid
14	1805792	Navdeep Kaur Deol	Navdeep	Navdeep
15	1805793	Palak Sood	Palak Sood	Palak Sood
16	1805794	Rajneet Kaur	Rajneet	Rajneet
17	1805795	Shreya Sood	Shreya Sood	Shreya Sood

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S. No.	Name	Institute	Session III	Session IV
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

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Date: 31 Jan 2019

Sr. No.	University Roll No.	Student Name	Session III	Session IV
1	1805778	Amanjit Kaur	Aman	Aman
2	1805779	Ankit Kumar		
3	1805780	Dilrose Kaur	Dilrose	Dilrose
4	1805781	Gagneet Kaur	Gagneet	Gagneet
5	1805782	Harnoor Singh	Harnoor Singh	Harnoor Singh
6	1805783	Himani Sharma	Himani	Himani
7	1805784	Himanshi Bansal	Himanshi	Himanshi
8	1805786	Kamaljit Kaur	Kamaljit	Kamaljit
9	1805787	Komal	Komal	Komal
10	1805788	Kulvinder Kaur	Kulvinder	Kulvinder
11	1805789	Manpreet Kaur	Manpreet	Manpreet
12	1805790	Manpreet Kaur	Manpreet	Manpreet
13	1805791	Mir Junaid Rasool	Mir Junaid	Mir Junaid
14	1805792	Navdeep Kaur Deol	Navdeep	Navdeep
15	1805793	Palak Sood	Palak	Palak
16	1805794	Rajneet Kaur	Rajneet	Rajneet
17	1805795	Shreya Sood	Shreya	Shreya

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Attendance Sheet

Date: 1 Feb 2019

S. No.	Name	Institute	Session I	Session II
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gurschajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabhdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

22	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>Gitanjali</i>	<i>Gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Harsimarjeet</i>	<i>Harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet Kaur</i>	<i>Chandanpreet Kaur</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>Shailja</i>	<i>Shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Harnoor singh	Guru nanak dev engineering college	<i>Harnoor Singh</i>	<i>Harnoor Singh</i>
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>Ak</i>	<i>Ak</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>

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Date: 1 Feb 2019

Sr. No.	University Roll No.	Student Name	Session I	Session II
1	1805778	Amanjit Kaur	Amanjit	Amanjit
2	1805779	Ankit Kumar	Ankit	Ankit
3	1805780	Dilrose Kaur	Dilrose	Dilrose
4	1805781	Gagneet Kaur	Gagneet	Gagneet
5	1805782	Harnoor Singh	Harnoor Singh	Harnoor Singh
6	1805783	Himani Sharma	Himani Sharma	Himani Sharma
7	1805784	Himanshi Bansal	Himanshi	Himanshi (Ph)
8	1805786	Kamaljit Kaur	Kamaljit	Kamaljit
9	1805787	Komal	Komal	Komal
10	1805788	Kulvinder Kaur	Kulvinder	Kulvinder
11	1805789	Manpreet Kaur	Manpreet	Manpreet
12	1805790	Manpreet Kaur	Manpreet	Manpreet
13	1805791	Mir Junaid Rasool	Mir Junaid	Mir Junaid
14	1805792	Navdeep Kaur Deol	Navdeep	Navdeep
15	1805793	Palak Sood	Palak Sood	Palak Sood
16	1805794	Rajneet Kaur	Rajneet	Rajneet
17	1805795	Shreya Sood	Shreya	Shreya

QIP Sponsored STC (28 Jan - 1 Feb, 2019)

Attendance Sheet

Date: 1 Feb 2019

S. No.	Name	Institute	Session III	Session IV
1	Ms. Karamvir kaur	GNDEC		
2	Ms. Kamaldeep Kaur	GNDEC, Ludhiana		
3	Ms. Priyanka Arora	GNDEC, LDH		
4	Ms. Manpreet Kaur	GNDEC Ludhiana		
5	Ms. Supreet Kaur	Guru Nanak Dev Engineering College		
6	Ms. Diana Nagpal	Guru Nanak Dev Engineering College		
7	Mr. Swaranjit singh	GNDEC		
8	Mr. Gursehajvir singh	GNDEC		
9	Mr. SANDEEP VERMA	Dr BR Ambedkar National Institute of Technology, Jalandhar		
10	Mr. HARDEEP SINGH KANG	GNDEC, LUDHIANA		
11	Mr. Jasbir Singh Saini	Guru Nanak Dev Engineering College, Ludhiana		
12	Ms. Harsimran Kaur	Guru Nanak Dev Engg. College, Ludhiana.		
13	Ms. Mandeep Kaur Walia	GNDEC, Ludhiana		
14	Ms. Gagandeep Kaur	GNDEC, Ludhiana		
15	Ms. Geetika	GNDEC, Ludhiana		
16	Ms. Gagandeep Kaur Gill	GNDEC, Ludhiana		
17	Mr. Prabdeep Singh	Global Institute of Management and Emerging Technologies, Amritsar		
18	Mr. Vivek Thapar	Guru Nanak Dev Engineering College		
19	Ms. Gurjit Kaur	Guru Nanak Dev Engineering College		
20	Mr. Jaspreet Singh	Guru Nanak Dev Engineering College		
21	Ms. NAVPREET KAUR	GURU NANAK DEV ENGINEERING COLLEGE		

	Ms. GITANJALI	GURU NANAK DEV ENGINEERING COLLEGE	<i>Gitanjali</i>	<i>Gitanjali</i>
23	Ms. Harsimarjeet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Harsimarjeet</i>	<i>Harsimarjeet</i>
24	Ms. Chandanpreet Kaur	Guru Nanak Dev Engineering College, Ludhiana	<i>Chandanpreet</i>	<i>Chandanpreet</i>
25	Mr. Kapil Sharma	GNDEC LDH	<i>Kapil</i>	<i>Kapil</i>
26	Dr Inderjit Singh	GNDEC, Ludhiana	<i>Inderjit</i>	<i>Inderjit</i>
27	Ms. shailja	GNDEC LDH	<i>Shailja</i>	<i>Shailja</i>
28	Ms. Sukhjinder Kaur	GNDEC	<i>Sukhjinder Kaur</i>	<i>Sukhjinder Kaur</i>
29	Mr. DALJEET SINGH	GURU NANAK DEV ENGINEERING COLLEGE	<i>Daljeet</i>	<i>Daljeet</i>
30	Mr. Harneer Singh	Guru nanak dev engineering college		
31	Ms. Palak Rehan	GNDEC LDH	<i>Palak</i>	<i>Palak</i>
32	Ms. MANJOT KAUR GILL	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
33	Ms. AMANDEEP KAUR SOHAL	GNDEC, LUDHIANA	<i>AK</i>	<i>AK</i>
34	Ms. Meetali	GNDEC, LUDHIANA	<i>Meetali</i>	<i>Meetali</i>
35	Tawseef Ahmad Bhat	GNDEC, LUDHIANA	<i>Tawseef</i>	<i>Tawseef</i>
36	Manjot Kaur	GNDEC, LUDHIANA	<i>Manjot</i>	<i>Manjot</i>
37	Mr. Satinderpal Singh	GNDEC, LUDHIANA	<i>Satinderpal</i>	<i>Satinderpal</i>

QIP Sponsored STC (28 Jan - 1 Feb, 2019)
Attendance Sheet
Date: 1 Feb 2019

sr. No.	University Roll No.	Student Name	Session III	Session IV
1	1805778	Amanjit Kaur	Kaur	Kaur
2	1805779	Ankit Kumar	Ankit	Ankit
3	1805780	Dilrose Kaur	Dilrose	Dilrose
4	1805781	Gagneet Kaur	Gagneet	Gagneet
5	1805782	Harnoor Singh		
6	1805783	Himani Sharma	Himani Sharma	Himani Sharma
7	1805784	Himanshi Bansal		
8	1805786	Kamaljit Kaur	Kamaljit	Kamaljit
9	1805787	Komal	Komal	Komal
10	1805788	Kulvinder Kaur	Kulvinder Kaur	Kulvinder Kaur
11	1805789	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
12	1805790	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
13	1805791	Mir Junaid Rasool	Mir Junaid	Mir Junaid
14	1805792	Navdeep Kaur Deol	Navdeep Kaur	Navdeep Kaur
15	1805793	Palak Sood	Palak Sood	Palak Sood
16	1805794	Rajneet Kaur	Rajneet Kaur	Rajneet Kaur
17	1805795	Shreya Sood	Shreya Sood	Shreya Sood



Guru Nanak Dev Engineering College

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

Gill Road, Ludhiana - 141006, Punjab, India.

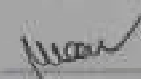


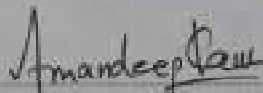
Department of Computer Science & Engineering

QIP SHORT TERM COURSE

Certificate of Participation

This is to certify that Dr. Indergjit Singh from GNDEC LCH.
participated in the Quality Improvement Programme (QIP) Short Term
Course on "Recent Trends In Networks, Communications & Security" from
28th January to 1st February, 2019.


Course Co-Coordinator


Course Coordinator


Head of Department


QIP Coordinator

Prog. No. 29

Title: QIP Sponsored Faculty Development
Program on Energy Conservation & Alternative
Sources of Energy

Date : 29/01/2019 - 02/02/2019

**Guru Nanak Dev Engineering College, Ludhiana
(Department of Electrical Engineering)**

REPORT

(FDP on Energy Conservation and Alternate Sources of Energy)

In the weeklong program (29/01/2019 – 02/02/2019) organized under Quality Improvement Program of AICTE by the Electrical Engineering Department of Guru Nanak Dev Engineering College, Ludhiana, the experts from industry and academia dwelled on energy conservation and alternate sources of energy. Deliberating on the program, Pf. Jaswinder Singh, HOD (EED) said that energy is required for all jobs we perform and the conventional sources of energy are fast depleting, hence this relevant theme was chosen for faculty development program. Dr. Sehijpal Singh, Principal, GNDEC appreciated the efforts and emphasized that such programs be regularly conducted for college faculty to enable them to get the latest know how and keep themselves updated with the development in various fields. Giving details of the proceedings of the program, Dr. Arvind Dhingra, Coordinator, informed that experts from industry including Ms. Sangita Kapoor, Blue Planet, Kolkata, Ar. Aalok Deshmukh, Energy Head, Schnieder Electric, Mumbai, Er. Rumi Engineer, GM, Godrej Boyce Ltd., Mumbai, Natioanl Award winning architect Siddharatha Wig, Sh. Anupam Nanda, Sr. DM, PEDDA, Dr. Tejinder Singh Saggu , Punjab Engineering College, Chandigarh, Dr. Ritula Thakur, NITTTR, Chandigarh & Dr. Ashwani Kumar Sharma , NIT, Kurukshetra

shared their views in the area. Internal speakers included Dr. Harmit Singh & Prof. Sukhwinder Singh. The experts were of the view that energy needs of the world and the methods to harness energy need to be seen from a holistic point of view and not in isolation. Even water being pumped from the earth is energy and so is the food we eat having some embodied energy. Dr. Ashwani Kumar Sharma, Professor, NIT, Kurukshetra was the chief guest for valedictory ceremony. Dr. Navneet Singh Bhangu and Er. Harmeet Singh Gill were the Co-coordinators of the program. The program attended by over forty participants, from various universities, engineering colleges of the region, was well taken and appreciated due to its immediate relevance and need for them.


Dr. Arvind Dhingra
(Coordinator)

Deptt. of Electrical Engineering
G.N.D. Engineering College,
Ludhiana-141 005.



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QIP SPONSORED
FACULTY DEVELOPMENT PROGRAM
on
**ENERGY CONSERVATION
&
ALTERNATE SOURCES OF ENERGY
ECASE 19**

January 29th - February 2nd, 2019

VENUE : WORKSHOP SEMINAR HALL





Chandigarh Engineering College
DEPARTMENT OF ELECTRICAL ENGINEERING
QIP SPONSORED
FACULTY DEVELOPMENT PROGRAM
ON
**ENERGY CONSERVATION
&
ALTERNATE SOURCES OF ENERGY**
ECASE 19
January 2018 - February, 2019
VENUE: WORKSHOP HALL

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
ELECTRICAL ENGINEERING DEPARTMENT

QIP Sponsored Faculty Development Program

on

Energy Conservation & Alternative Sources of Energy

January 29- February 2, 2019

Schedule

Date	Time	Activity	Venue
29.1.2019	8.30AM-9.00AM	Inaguration	Workshop Seminar Hall
	9.00AM-11.00AM	Expert Talk by Ms. Sangita Kapoor	Workshop Seminar Hall
	11.00AM-11.15AM	Tea Break	Workshop Seminar Hall
	11.15AM-1.15PM	Expert Talk by Ms. Sangita Kapoor	Workshop Seminar Hall
	1.15PM-1.45PM	Lunch	Alumni Home
	1.45PM-3.45PM	Expert Talk by Er. Sidharath Wig	Workshop Seminar Hall
	3.45PM-4.00PM	Tea Break	Workshop Seminar Hall
	4.00PM-6.00PM	Expert Talk by Er. Sidharath Wig	Workshop Seminar Hall
30.1.2019	8.45AM-10.45AM	Expert Talk by Er.Rumi Engineer	Workshop Seminar Hall
	10.45AM-11.00AM	Tea Break	Workshop Seminar Hall
	11.00AM-1.00PM	Expert Talk by Aalok Deshmukh	Workshop Seminar Hall
	1.15PM-1.45PM	Lunch	Alumni Home
	1.45PM-3.45PM	Expert Talk by Aalok Deshmukh	Workshop Seminar Hall
	3.45PM-4.00PM	Tea Break	Workshop Seminar Hall
	4.00PM-6.00PM	Expert Talk by Er.Rumi Engineer	Workshop Seminar Hall
31.2.2019	8.00AM-5.00PM	Field Visit to PEDDA building, Chandigarh & Renewable Energy Plant, Khattrra	
1.2.2019	8.45AM-10.45AM	Expert Talk by Dr.Harmeet Singh	Workshop Seminar Hall
	10.45AM-11.00AM	Tea Break	Workshop Seminar Hall
	11.00AM-1.00PM	Expert Talk by Dr. Tejinder Singh Saggu	Workshop Seminar Hall
	1.15PM-1.45PM	Lunch	Alumni Home
	1.45PM-3.45PM	Expert Talk by Dr. Prashant Garg	Workshop Seminar Hall
	3.45PM-4.00PM	Tea Break	Workshop Seminar Hall
	4.00PM-6.00PM	Expert Talk by Sh. Anupam Nanda	Workshop Seminar Hall
2.2.2019	8.45AM-10.45AM	Expert Talk by Dr. Yadwinder Singh Brar	Workshop Seminar Hall
	10.45AM-11.00AM	Tea Break	Workshop Seminar Hall
	11.00AM-1.00PM	Expert Talk By Dr. Ritula Thakur	Workshop Seminar Hall
	1.00PM-1.45PM	Lunch	Alumni Home
	1.45PM-3.45PM	Expert Talk by Dr. Ashwani Sharma	Workshop Seminar Hall
	3.45PM-4.00PM	Feedback & Validectory	Workshop Seminar Hall
	4.00PM	Tea	Workshop Seminar Hall



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Vishal Kumar

From GNDCE, Ludhiana participated in the one week QIP sponsored

Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Ref. No. GNDCE/EE/QIP/2018-19/334



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Shivam Saxena
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Baldev Singh
From GNDEC, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019


Course Coordinator


Head of Department


QIP Coordinator

Rd. No. GNDCE/EE/QIP/2018-19/38



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Baldeep Singh
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Baldeep Singh
From GNDEC, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Ref. No. GNDCE/EE/QIP/2018-19/38



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Amritpal Singh
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Ref. No. GNDCE/EE/819/2018-19/39



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Rajbeer Singh
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Ref. No. GNDCE/EE/QIP/2018-19/33



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 Bining Sharma

From GNDCE, Ludhiana participated in the one week QIP sponsored

Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Rd. No. GNDCE/EE/QIP/2018-19/83



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Rajeev Sharma
From CNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Ref. No. GNDEC/EE/QIP/2018-19/33



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

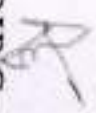
This is to certify that Ravijay Kumar

From GNDEC, Ludhiana participated in the one week QIP sponsored

Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019


Course Coordinator


Head of Department


QIP Coordinator



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Mukesh
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator



Guru Nanak Dev Engineering College, Ludhiana

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Department of Electrical Engineering

QIP Sponsored Faculty Development Programme

Certificate of Participation

This is to certify that Parninder Singh
From GNDCE, Ludhiana participated in the one week QIP sponsored
Faculty Development Programme on "Energy Conservation and Alternate Sources of Energy" from
January 29th to February 2nd, 2019

Course Coordinator

Head of Department

QIP Coordinator

Prog. No. 30

Title: Machine learning applications in
engineering

Date : 04/02/2019 - 08/02/2019



Dr. Kanav Kahol, Chief Guest sharing his expertise



Participants



Dr. Rupinder Singh , Dr. Sehijpal Singh (Principal), Dr. Kanav Kahol (Chief Guest), Dr. Sandeep Singh Gill (HOD and Coordinator)



Dr. Iyenger, IIT Ropar delivering talk



Presenting memento to Expert Dr. Kuldeep Singh Nagla, NIT Jalandhar (in center), Right side (Dr. Munish Rattan), Left Side (Dr. Baljeet Kaur)



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. 5-P-EDN/ELC/14

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



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. 21-ENG/E/E/R

QIP short term course

Certificate of Participation

This is to certify that Prof./Dr./Er./Mr./Ms. Balwinder Singh Dhalitwal 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

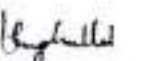
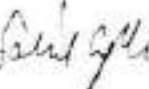
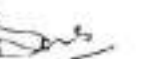
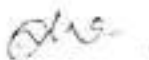

Head of Deptt.


QIP Coordinator

**One week QIP Short Term Course on
"Machine Learning Applications in Engineering"**
(February 04-08, 2019)

Organized by Department of Electronics and Communication Engineering
Guru Nanak Dev Engineering College, Ludhiana

List of Candidates for participation

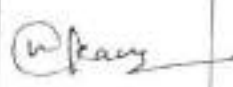
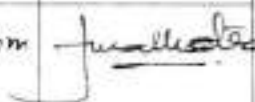
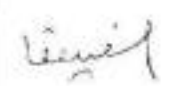
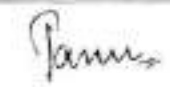
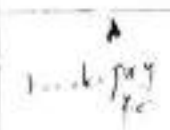
S.No.	Name of Candidate	Organization	Designation/ Department	Address	Contact no.	E-mail ID	Signature
1	Chitranjan Kumar Rai	NIT Jalandhar	Student/ ECE	NIT Jalandhar	7280776271	Chitranjanrai@gmail.com	
2	S. Pandey Singh	G CET Jammu	Student, Mechanical	G CET Jammu	8713069184	scipandeyssingh@gmail.com	
3	Sahil Gupta	DKTGI Rahon	AP, ECE	DKTGI Rahon	9877439474	Sahilworlds@gmail.com	
4	Is. Bhatnagar	GNDEC Ludhiana	AP, ECE	Ludhiana	9272544377	bhatnagaris@gmail.com	
5	Gurpreet Kaur	GNDEC Ludhiana	AP, ECE	GNDEC Ludhiana	9988825355	gurpreetkaur@gmail.com	
6	Manish Kaur	GNDEC, Ludhiana	AP, ECE	GNDEC Ludhiana	8265879110	manishkaur@gmail.com	

8	TUPA FROCK	GNDEC	Pursuing M.Tech	GNDEC ECE dept	766754521	darshil.yad@gmail.com	Tup
9	Preeti Panu	GNDEC	AP	ECE dept	9818947360	preeti.panu7@gmail.com	Preeti
9	Harvinder Kaur	GNDEC	AP	11	9872628706	aviach.harvinder@gmail.com	H. Kaur
10	NARWANT SINGH GREWAL	GNDEC	AP	11	98550-1873	narwant@gmail.com	N
11	PALLAVI ARDRA	GPC GTB GARM Govt Polytechnic College, GTB GARM)	Lecturer	CSE dept	8559027000	pallavi.grewal2191@gmail.com	P
12							
13	Litika Puri	GNDEC	Pursuing M.Tech	GNDEC ECE dept	7087700406	preetideepa4@gmail.com	Preeti
14	Kamalpreet Kaur	GNDEC	Pursuing M.Tech	GNDEC ECE dept	6280225028	kkamalpreet851@gmail.com	Kamalpreet
15	KSHITIJ V CHAUDHARY	GNDEC	Pursuing M-TECH	GNDEC ECE dept	9418517171	kshitiyag@gmail.com	K

17	Manoj Singh	GIMET A81	A.P.	Ph.D. Scholar	Thapa, Um Pothole	9858616987	Dr. Manish Rattan @ ymail.com	Manish Rattan @ ymail.com
18	Dr. Munish Rattan	GND EC Ludhiana	A.P.	GND EC Ludhiana	9855004325	Dr. Munish Rattan @ ymail.com	Manish Rattan @ ymail.com	
19	Jasdeep Singh	GND EC Ludhiana	Running M-14th	GND EC Ludhiana	7004714386	Dimmy SD Singh @ ymail.com	Jasdeep Singh	
20	Jaspreet Singh	GND EC Ludhiana	Running M-14th	GND EC Ludhiana	8872355865	Jaspreet Singh @ ymail.com	Jaspreet Singh	
21	Gurjit Kaur	GND EC Ludhiana	Running M-14th	GND EC Ludhiana	9914908443	Gurjit Kaur @ ymail.com	Gurjit Kaur	
22	Subhinder Kaur	GND EC Ludhiana	Running M-14th	GND EC Ludhiana	9465980788	Subhinder Kaur @ ymail.com	Subhinder Kaur	
23	Kapil Kaur	LPU	A.P.	Talwandi	9777700000	Kapil Kaur @ ymail.com	Kapil Kaur	
24	Geeta Kaur	MRSPTU Bathinda	Research Scholar (Ph.D.)	MOS D, Palau Vihar Ankula Gaur	8859100000	Geeta Kaur @ ymail.com	Geeta Kaur	

No	Kullit fame	Source with name	Year of Issuance	Course & Institution	Year of Issue	To whom issued	Remarks
26	Arungeet Kua	GNDEC	Student ECE (Muzungu)	New York Muzungu	Q 13 (98/99)	early - 2001/2002 yes	Official
27	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 14 (98/99)	early - 2001/2002 yes	Official
28	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 15 (98/99)	early - 2001/2002 yes	Official
29	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 16 (98/99)	early - 2001/2002 yes	Official
30	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 17 (98/99)	early - 2001/2002 yes	Official
31	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 18 (98/99)	early - 2001/2002 yes	Official
32	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 19 (98/99)	early - 2001/2002 yes	Official
33	Arungeet Kua	GNDEC	Student (Muzungu)	GNDEC Ludhiana	Q 20 (98/99)	early - 2001/2002 yes	Official

	Manpreet Kaur	GNDEC/ ECE	Student Pursuing M.Tech.	GNDEC Ludhiana	946394 8015	maanishandhu 1995@gmail.in	Manpreet
35	Manpreet Kaur	GNDEC/ CSE	RESEARCH SCHOLAR	GNDEC LDH	89685- 59944	Manpreetj15@gmail.com	Manpreet
36	Dr. Tripatjit Singh Panag	BESSEC, Fatehgarh Sahib	Faculty AP	Fatehgarh Sahib	98557 64499	tripatjit.singh @bessec.ac.in	Tripatjit
37	Uttanjet Kaur	GNDEC/ ECE	Student Pursuing M.Tech.	GNDEC Ludhiana	9781730940	uttanjetkaur95@gmail.com	Uttanjet
38	Rohin Gupta	GNDEC/ ECE	Research Scholar	GNDEC Ludhiana 82/9, Social Colony Manda	98151-2077	engg.rohin@gmail.com	Rohin
39	Gitanjali	GNDEC/ CSE	Research Scholar	GNDEC LDH	7506018440	sharda.gitanjali440@gmail.com	Gitanjali
40	Bhumi Ka Narang	GNDEC/ ECE	Research Scholar	GNDEC LDH	9868556725	BhumiKa.Narang17@gmail.com	Bhumi
41	Shubhmeet Kaur	GNDEC/ ECE	Research Scholar	GNDEC LDH	7901823961	shubhisidhu02@gmail.com	Shubhmeet
42	Amandeep Kaur Sahal	CSE/ GNDEC.	Assistant Prof	GNDEC, LDH	9501199915	amandeepkaursehal@gmail.com	Amandeep

	Mangt. Kaur GNDU	CSE / GINDEC LDH	A.P	GINDEC, LDH	74650-53915	mangt.gaur@gmail.com	
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45	Chandpreet Kaur	ECE / GINDEC	Research Scholar	GINDEC, LDH	99553-51904	kaur1803@gmail.com	Chandpreet Kaur
46	Harsimran Kaur	CSE / GINDEC Ludhiana	Research Scholar	GINDEC, LDH	95555-20002	HarsimranKaur2110@gmail.com	
47	Dr Jyoteesh Malhotra	GINDU RC Jalandhar	Professor & Head ECE Dept	GINDU RC, Jal	9781810380	Jyoteesh@gmail.com	
48	Tawseef Ahmed Bhat	CSE / GINDEC	Research Scholar	GINDEC, LDH	8544937940	bhat93tawseef@gmail.com	
49	Tanu	ECE / NITJ	Research Scholar	NITJ Jalandhar	9855036821	tanu1991libra@gmail.com	
50	Daljit Singh	ECE / GINDEC	A.P	GINDEC	9855578987	gnd.daljit.singh@gmail.com	
51	Chandanpreet Kaur	CSE / GINDEC	Research Scholar	GINDEC, LDH	8872282209	Chandanpreet1995@gmail.com	

	Musumangest Kaur	CSE / GNDCE Ldh	Research scholar	GNDCE	7986025305	musumangest1991@gmail	musumangest
53	Sushrta Sharma	ECT / GNDCE Ldh	Research scholar	GNDCE	9812-118723	shushrta.sushrta@gmail	Sushrta
54	Ljessvair Kaur	ECT / GNDCE Ldh	Research scholar	GNDCE	88722-0843	ljessvairkaur.995@gmail.com	Ljessvair
55	Senali	CT Institute	Research scholar	CT Institute	8146406980	sahansalacoulis7@gmail.com	Senali
56	Priya	CT Institute	Research Scholar	CT Institute	8725083490	priyapart905@gmail.com	Priya
57	Shubham	CT Institute	Research scholar	CT Institute	07508708016	shubhamsyal94@gmail.com	Shubham
58	Abhishek	CT Institute	Research Scholar	CT Institute	8649699432	abhishek bhagat-229@gmail.com	Abhishek
59							
60							

Prog. No. 31

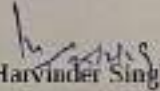
Title: Analysis and Design of RC Buildings:
Concepts and Practice

Date : 19/02/2019 - 23/02/2019

Analysis and Design of RC buildings: Concepts and Practice

REPORT

A five day short term training program on 'Analysis and Design of RC buildings: Concepts and Practice' was started at Guru Nanak Dev Engineering College, Ludhlana. It is being conducted by the Civil Engineering Department of the college under Quality Improvement Program of AICTE, Govt. of India with an aim to polish and develop the necessary structural design skills in the faculty and research scholars participating in the training program. Head of the department Professor K S Gill extended a warm welcome to the delegates and briefed the audience about the program and other associated activities. Faculty coordinator of the program Dr. Harvinder Singh informed that the outcome of the course will upgrade the skills of the participants to come up with better structural systems for new buildings coming up in the region and help the local community to build better and sustainable houses. Because, in the Ludhlana a lot of construction activities are coming up as the Smart city project being implemented by the Govt. in the city is moving toward its culmination. This becomes the need of the hour as the design is an ever evolving process and it is entirely different now-a-days than it was few decades back due to the better understanding of the material behavior and development of new materials. Nevertheless, basic aim of the structural design process remains the same, i.e. to build safe-durable structures but advances in the material technology helps greatly to reduce the associated costs. In its first day, the experts appraised the participants about the new developments in the geotechnical investigations and the minute details of the concrete production techniques and how it helps to the designers to plan their buildings to reduce the cost of the buildings without investing anything extra and ensured their durability and reduces the cost associated with the repair and maintenance.


Dr. Harvinder Singh
Coordinator, STIP

Analysis and Design of RC buildings: Concepts and Practice

**Analysis and Design of RC Buildings: Concepts and Practice
(February 19th - 23rd, 2019)**



Illustration 1: Analysis and Design of RC Buildings: Concepts and Practice (19/2/2019 to 23/2/2019)

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

Certificate of Participation

This certificate is awarded to

SUKHWINDER SINGH (GNDEC, LDH)

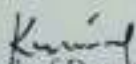
who participated in 5-day QIP sponsored Short Term Training Programme on

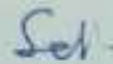
**Analysis and Design of RC Building :
Concepts and Practice**

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

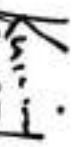
GURDEEPAK SINGH (GNDEC, LDH)

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

SUKHWINDER SINGH (GNDCEC, 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.

[Signature]
Faculty Coordinator

[Signature]
Head of Department

[Signature]
Principal

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

Certificate of Participation

This certificate is awarded to

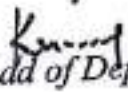
PRABHJOT SINGH PANNU (GNDEC, LDH)

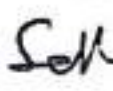
who participated in 5-day QIP sponsored Short Term Training Programme on

Analysis and Design of RC Building : Concepts and Practice

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


Faculty Coordinator


Head of Department


Principal

Attendance of Analysis and Design of RC Buildings: Concepts and Practice (2019)

Analysis and Design of RC Buildings: Concepts and Practice

5 days QIP sponsored STTP, February 19-23, 2019

List of the participants

S. No.	Name	Mobile	e-mail ID	Signature
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4	Inderpreet Kaur	9878190300	inderchinder@gmail.com	
5	Mandeep Kaur	98550-59898	mandykhwal28@gmail.com	
6	Manvinder Kundra	2555076177	Kundra.manvinder@gmail.com	
7	Sahibdeep Singh	7696100185	sahibdeep Singh@gmail.com	
8	Prabhjot Singh Panu	9988991633	prabhjotpanu@gmail.com	
9	Prashant Garg	9714313435	prashant.dsg@gmail.com	
10	Pritpal Kaur	8427106043	prithpal.grodec@gmail.com	
11	Sukhwinder Singh	9876553382	CHANTI AGRI@GMAIL.COM	
12	Sukhwinder Singh	98465-10413	Sukhwinder Singh 5035@yahoo.com	
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14	Yuvraj Singh	9815830889	yuvraj_23@yahoo.co.in	
15	Sarvesh Kumar	8283827985	smrshkumari@police.in	
16	Satinder Kaur Khatra			
17	Ranjodh Singh	9872465866	Ranjodh605@gmail.com	
18	Satnam Singh	9888213137	SATNAM SINGH 517@GMAIL.COM	
19	Jasveer Singh	9780145434	Jasvirsinghgc@gmail.com	

Analysis and Design of RC Buildings: Concepts and Practice

5 days QIP sponsored STTP, February 19-23, 2019

List of the participants

		M.No.	EMAIL	SIGNATURE
20	Amit Duggal	99153 81300	Duggalomit262@gmail.com	Amit Duggal
21	Sandeep Singh	8872844575	sandeepsingh19117@gmail.com	Sand-S
22	Sadam Hussain	7780888997	Sadam Hussain 8767@gmail.com	Sadam
23	Sushant Gore Gupto	9229916445	sushantgupto1994@gmail.com	Sushant Gupto
24	Shoaib Nisar	2006488605	Shoaibnisar@gmail.com	Shoaib
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26	Harvinder Singh	8719065956	hvi157357@gmail.com	Harvinder
27	Tandeep Singh	9914332279	tandeepp.singh32@gmail.com	Tandeep
28	Jobandeep Singh	7858475019	jobansingh.hands@gmail.com	Job Singh
29	Sushil Bhatia	9988714256	SushilBhatia27113@gmail.com	Sushil Bhatia
30	Jaspreet Kaur	8559012386	JA231095@gmail.com	Jaspreet Kaur
31	Yogesh Kumar	9917583166	YogeshK@gmail.com	YK
32	HARVINDER SINGH	9816300306	hvi1231@gmail.com	h
33	Gundeepati Singh	9855965901	klug-gundeepati@gmail.com	G
34	K.S. GILL	9872866114	Kishor Singh Gill 8767@gmail.com	K.S. Gill
35	CHARNJEET SINGH	946586630	charnjeet1994@gmail.com	Charnjeet
36	Sandeep Kaur	9892113232	Sandeepkaur2409@gmail.com	Sandeep
37	Kavita Anand	946049571	KavitaAnand@gmail.com	Kavita

Prog. No. 32

Title: Pedagogical Tools & Techniques-
Effective Teaching & Comprehensive Progress

Date : 27/05/2019 - 01/06/2019

ANALYSIS: - FEEDBACK OF FACULTY DEVELOPMENT PROGRAMME:-

**"Pedagogical Tools and Techniques: Effective Teaching & Comprehensive Progress" under TEQIP-III
from 27th May, 2019 to 1st June, 2019
At the
Institution Level.**

- ❖ As per the feedback received from the participants it is the best Faculty Development Program among all the other programs they have ever attended in this region.
- ❖ Participants acknowledged the thoughtfulness in facilitating and providing this wonderful learning opportunity to them.
- ❖ They have understood and insisted on that as these days teaching is most challenging profession and teachers need to update themselves according to the requirement of the evolving environment so this kind of FDP should be organized in future also.
- ❖ Among all the other advantages, some of the most highlighting features of this FDP are:
 - A very interactive program kind of one they had never attended before.
 - Experts with ample experience in the field of research, teaching and personality development.
 - FDP was not only based on informing about the ideas but with interaction and brain storming among the participants, how to implement and apply these in classroom were also shared by the experts which resulted in lifelong learning experience.
 - Participants shared their insight into the challenges posed by evolving environment of education, and the expert speakers provided techniques and ideas for meeting these challenges and also for making content delivery more effective and improving teacher student relationship.
 - According to participants, each session was rewarding, informative and full of learning and insightful.

Dr. Nandeep Kaur;

ABP
20/06/2019

Coordinators
FDP

27th May, 19 to 1st June;

Certificates-Serial Order

Faculty Development Program

Pedagogical Tools and Techniques: Effective Teaching & Comprehensive Progress
under TEQIP-III GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

27 th MAY, 2019 to 1st June, 2019.

Sr.No.	Faculty Name	Institution/College affiliation
1	Rajwinder Singh	GNDEC, LDH
2	Sahibdeep Singh Setia	AP, GNDEC, LDH
3	Mohit Pathwa	AP, SVIET, Banur
4	Dr. Jivrajot Singh	ABES Engg college, Ghaziabad
5	Dr. Leenu Anand	SACCM, LDH
6	Dinesh Anand	GNDEC, LDH
7	Satwinderjit Kaur	GNDEC, LDH
8	Dr. Amarpreet Kaur Sodhi	GNDEC, LDH
9	Amanjot Kaur Gill	GNDEC, LDH
10	Dr. Gurdeep Kaur	GNDEC, LDH
11	Harshdeep Kaur	Khalsa College For Women, Civil Lines, LDH
12	Shyna Kalra	GNDEC, LDH
13	Jagjit Kaur	GNDEC, LDH
14	Ravinder Kaur	GNDEC, LDH
15	Samreet Kaur	GNDEC, LDH
16	Prati Agarwal	Beant College of Engg. And Tech, GSP
17	Dr. Vivek Thapar	GNDEC, LDH
18	Shivani Abrol	GNDEC, LDH
19	Rahul Pal Singh	Atal Bihari Vajpayee Govt. inst. Of engg. And tech. Shimla
20	Karwal Preet Sahni	GNDEC, LDH
21	Gurleen Singh Sandhu	GNDEC, LDH
22	Dr. K.S. Gill	GNDEC, LDH
23	Sukhwinder Singh	GNDEC, LDH
24	Hanit Kaur	GNDEC, LDH
25	Shivammeet Singh	GNDEC, LDH
26	Ramandeep Singh	GNDEC, LDH
27	Gagandeep Kaur	GNDEC, LDH

14/06/2018
Department of Business Administration
Guru Nanak Dev Engineering College
Gill Road, Ludhiana-141008 (Pb.)

28	Kuldeep Kaur	GNDEC,LDH
29	Karnal Batta	Chandigarh University, Gharuan
30	Harmohan Singh Dhali	GNDEC,LDH
31	Prableen Kaur	BCET, Gurdaspur
32	Puneet Narang	GNDEC,LDH
33	Mona Prashar	Chandigarh University
34	Kavita Rani	Chandigarh University
35	Gourav Sharma	Chandigarh University
36	Gourav	GNDEC,LDH
37	Dr. Nityanand Sharma	Chandigarh University
38	Ranvijay Kumar	GNDEC,LDH
39	Ramanpreet Kaur	GNDEC,LDH
40	Dr. Parampal Singh	GNDEC,LDH
41	Yadvir Kaur	GNDEC,LDH
42	Amarpreet Kaur	GNDEC,LDH
43	Narinder Singh	Khalsa College of Engg. and Tech., Amritsar
44	Karan Bhalla	GNDEC,LDH
45	Harpreet Kaur	GNDEC,LDH
46	Dr. Sukhdev Singh	GNDEC,LDH
47	Saloni Malhotra	GNDEC,LDH
48	Rupinderjit Kaur	GNDEC,LDH
49	Amandeep Singh Bal	GNDEC,LDH


 Department of Business Administration
 Guru Nanak Dev Engineering College,
 Gill Road, Ludhiana-141006 (Pb.)

Prog. No. 33

Title: Enabling Technologies for Wireless and Optical Networks

Date : 10/06/2019 - 15/06/2019

Report of FDP

(TEQIP-III sponsored one week faculty development programme)

Name: "Enabling Technologies for Wireless and Optical Networks"

Date: 10th – 15th June, 2019

Venue: Testing and Consultancy seminar Hall

Course content:

- Fundamentals of Wireless Communication
- Recent advances in wireless communication
- Introduction to Cognitive Radio and spectrum sensing
- Software Defined Radio
- Intelligent networks
- Necessity of optical communication and
- WDM/DWDM Techniques & Components
- Non Linear Effects in Optical fibers
- Optical networks-Overview and Recent Developments
- Future in home optical network using POF
- Software tools for research
- Visit to Videocon Telecom Limited Ludhiana

Nothing in the world gives us more power and confidence than having information. The ability to communicate information is essential to achieve the successful advancement of humankind. In today's world the most vital source of transferring information worldwide are optical and wireless communication media. So keeping in view the same, this FDP was organized in Twinning with Atal Bihari Vajpayee Govt. institute of engineering and technology Pragatinagar, Shimla.

The FDP was planned for six days from 10th to 15th june. The programme was divided into 20 + technical sessions, which were engaged by the guest speakers from reputed institutes like IIT ropar, iit jammu, nit delhi, nit kurukshetra, nitttr Chandigarh besides neighbouring institutes like thapar , gndu , and Punjabi university,patiala to give insight about the trends in this field. The main topics covered in the course were Fundamentals of Wireless and optical Communication, Recent Advances in Wireless and optical networks, SDR, Optical Computing with Network of Coupled Lasers, wireless sensor networks, MIMO and Cognitive Radio and spectrum sensing.

Lab sessions were also scheduled to give the idea about latest research software tools to the participants, a field visit to Videocon telecom limited was also a one of the impactful session of this course.

Participants from many institutes of repute, host institutes and other institutes like NIT jalandhar, Punjabi University Patiala, SLIET Longowal, LPU Phagwara, LGC Chownkimaan, MIMIT Malout, KCET Amritsar, HIET Shahpur, Himachal Pradesh.

Course coordinator



Dr. Baljit Kaur

Course co-coordinator



Prof. Harmander Kaur









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. NARWANT SINGH GREWAL
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 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

(6)


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. HARMINDER KAUR
GNOEC, LUDHIANA for participating in

QIP-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 Al Bihari Vajpayee Government Institute of Engineering & Technology, Pragati Nagar, Shimla.

Program Co-ordinator

TEQIP-III Co-ordinator

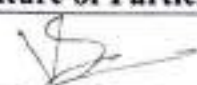
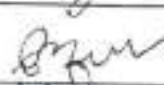
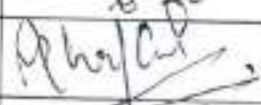
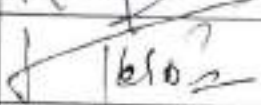
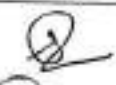
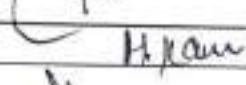
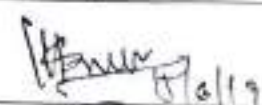
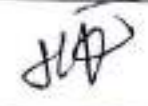
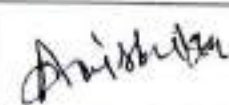
Principal

One week TEQIP-III sponsored Faculty Development Programme on
"Enabling Technologies for Wireless and Optical Networks"
June 10-15, 2019

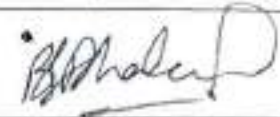
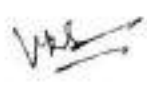
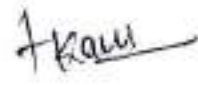
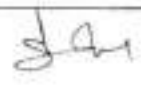
Organized by Department of Electronics and Communication Engineering
Guru Nanak Dev Engineering College, Ludhiana

① / Certificate Receiving

Date 15-06-2019

S.No.	Name	Institute	Signature of Participant
✓ 1	Dr. Vikas Singla	MIMIT, Malout	
2	Gurinder Singh	GNDEC, Ludhiana	
3	Dr. Harsimranjit Singh Gill	GNDEC, Ludhiana	
✓ 4	Monika Rani	PTU, Jalandhar	
✓ 5	Kanwaljeet Singh	LPU, Phagwara	
6	Sukhwinder Singh	GNDEC, Ludhiana	
7	Karan Bhalla	GNDEC, Ludhiana	
8	Harminder Kaur	GNDEC, Ludhiana	
✓ 9	Loveleen Kaur	Khalsa College of Engg. & Technology, Amritsar	
✓ 10	Harminder Kaur	Khalsa College of Engg. & Technology, Amritsar	
11	Harleen Kaur	GNDEC, Ludhiana	
✓ 12	Akanksha Sharma	ABVGIET, Pragati Nagar, Shimla	
✓ 13	Anshika Salaria	ABVGIET, Pragati Nagar, Shimla	

✓ 14	Nivedita Kashyap	ABVGIET, Pragati Nagar, Shimla	Nived
✓ 15	Anjali Bharti	ABVGIET, Pragati Nagar, Shimla	Anjali
✓ 16	Navdeep Sharma	ABVGIET, Pragati Nagar, Shimla	Nav
✓ 17	Sidharth Pandit	HIET, Shahpur	Sidharth
✓ 18	Gurjot Singh	LPU, Phagwara	Gurjot
19	Kuldeepak Singh	GNDEC, Ludhiana	Kul
20	Daljit Singh	GNDEC, Ludhiana	Dal
21	Kuldeep Kaur	GNDEC, Ludhiana	Kul
22	Preeti Pannu	GNDEC, Ludhiana	Preeti
23	Simranjit Kaur	GNDEC, Ludhiana	Sim
24	Gurpurneet Kaur	GNDEC, Ludhiana	Gur
25	Kirandeep Kaur	GNDEC, Ludhiana	Kir
✓ 26	Harmandar Kaur	GNDU, RC, Jalandhar	Har
✓ 27	Dr. Kulwinder Singh Malhi	Punjabi University, Patiala	Kul
28	Tarandeep Singh	GNDEC, Ludhiana	Tar

29	Dr. Balwinder Raj	NIT, Jalandhar	B. G.
30	Gagandeep Kaur	GNDEC, Ludhiana	
31	Dr. Balwinder Singh Dhaliwal	GNDEC, Ludhiana	
32	Dr. Vijay Kumar Samyal	MIMIT, Malout	
33	Harmandeep Kaur	LGC-Polytechnic, Chaukimann	
34	Dr. Narwant Singh Grewal	GNDEC, Ludhiana	
35	Bhawna	GNDEC, Ludhiana	
36	Arshdeep Kaur	GNDEC, Ludhiana	
37	Gagandeep Kaur Gill	GNDEC, Ludhiana	
38	Harleen Kaur	GNDEC, Ludhiana (EE)	
39	Daljeet Singh	GNDEC, Ludhiana (CSE)	
40	Dr. Baljeet Kaur	(Coordinator) GNDEC, Ludhiana	
41	Harminder Kaur	(Co-coordinator) GNDEC, Ludhiana	

Prog. No. 34

Title: Role of Library in NIRF Ranking

Date : 11/06/2019 - 11/06/2019





Prog. No. 35

Title: Creativity Innovation and
Entrepreneurship XLS Workshop (Simulation
based training)

Date : 20/06/2019 - 20/06/2019

**Guru Nanak Dev Engineering College, Ludhiana
(Department of Electrical Engineering)**

Workshop on Creativity, Innovation and Entrepreneurship

REPORT

A one day workshop on Creativity, innovation and entrepreneurship was organized under aegis of TEQIP-III program at Guru Nanak Dev Engineering College, Ludhiana. The resource person for the workshop was Mr. Jan Jongbloed, Expert from PUM, Netherlands. Dr. Sehijpal Singh, Principal, GNDEC welcomed the guest speaker. He said that under the aegis of TEQIP-III college was striving to give various inputs to the faculty and students to help improve their performance. He informed that many programs/activities like GATE examination coaching for students, different genres of workshops, faculty development programs etc. are being organized regularly under this program to uplift the quality of the work. Introducing the guest speaker, Dr. Arvind Dhingra, Executive Director- STEP, GNDEC & coordinator for this workshop said that PUM was a Netherlands based NGO supported by Netherlands Government. It was engaged in the business of helping SMEs all over the world to become profitable and sustainable. They send out experts to every country for this purpose.

Starting the workshop, Mr. Jongbloed insisted that we need to unscrew and unlearn to do creative thinking. He gave number of examples and exercises to the participants to start thinking creatively. He then started with the XLX exercise wherein the participants were divided into teams. Each team was to be assisted by a coach. He gave the teams a business canvas on which they were supposed to first write down their creative idea and the perspective customers for the same. The next step was finding out how to promote the business and the logistics of getting the product to the customer. In the third step the budding entrepreneurs were supposed to bring out the financial intricacies of their business. The final step involved preparing and presenting a pitch statement for their business to the venture capitalists to raise funds for their venture. The stages all had interesting examples and games to bring home the points of business. The workshop ended with a vote of thanks.


Dr. Arvind Dhingra
(Coordinator)

Deptt. of Electrical Engineering
G.N.D. Engineering College,
Ludhiana-141 006.

Creativity, Innovation and Entrepreneurship XLS Workshop (Simulation based training)



Prog. No. 36

Title: Data Analytics-Trends and Applications

Date : 24/06/2019 - 29/06/2019

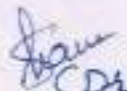
ACTIVITY REPORT

Name of the Event: One-week Faculty Development Program on "Data Analytics- Trends and Applications"

Date & Venue of Event: 24th June- 29th June, 2019, Department of Computer Science and Engineering

Course Content: The course focused on role of Big Data in shaping the world, data exploration and pre-processing, identifying the emerging research trends in data analytics, data science and advanced data models, research challenges for engineers, Hadoop, Python, R, Rapid Miner, applications of Big data and predictive analytics, classification and clustering on Big data, applications of data science for NLP, ANN, GA in problem solving, deep learning and data analytics for social good and applications, role of data analytics in sentiment analysis etc.

Expected benefits derived and how it will be helpful to the College: The program emphasized on emerging trends in data analytics and provided guidelines to explore the area of data analytics and its application areas. The participants learnt to develop inventive methods for solving problems related to diverse computational fields. They also got exposure to the tools, methods and current research trends prevailing in this area so that it could be used to benefit the society. The experts from various academic institutions and industries deliberated on the various research areas and shared their valuable knowledge with the participants. Thus, this type of program always play crucial role in enhancing the knowledge of the faculty. The participants will be able to utilize the knowledge for their research and will be able to help the society with the use of data analytics.


Signature of Coordinator *CDs - Sumit Kumar*
Seher



TEQIP-III SPONSORED
ONE WEEK FACULTY DEVELOPMENT PROGRAMME
ON



Data Analytics- Trends and Applications

(24th - 29th June, 2019)

ORGANIZED BY

DEPARTMENT OF COMPUTER
ENGINEERING, NANAK DEV ENGINEERING

COLLEGE, JALANDHAR, (P.B.)

DEPARTMENT OF COMPUTER
ENGINEERING, HARI VAIJAPAYEE GOVERNMENT INSTITUTE
OF TECHNOLOGY, PRAGATI NAGAR, SHIMLA

AND

ENGINEERING





TEQIP-III SPONSORED
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ON



Data Analytics- Trends and Applications

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
JALANDHAR, (Pb.)
&
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
GOVERNMENT INSTITUTE OF TECHNOLOGY
PRAGATI NAGAR, SHIMLA





TEQIP-III SPONSORED
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Data Analytics- Trends and Applications

(24th - 29th June, 2019)

ORGANISED BY:

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
GURU NANAK DEV UNIVERSITY, JALANDHAR-141006

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ATUL BIHARI VAJPAYEE GROUP OF INSTITUTIONS, SHIMLA (H.P.)







Guru Nanak Dev Engineering College

(An Autonomous College U/s Sec 3 of 19(1) of UEA Act - 1987)

Gill Park, GGS Road, Ludhiana-141004 (Punjab) INDIA

Certificate of Participation

This certificate is awarded to Mr./Mr./Dr. AJAY K. 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 organized 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