



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Roopa

of IKGPTU Kapurthala for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on “**Advancements in the Methodologies for the development of  
Synthetic Materials**” from 06.06.2022 to 11.06.2022 conducted by the **Department of Chemical Sciences**.

11/06/2022

Date

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)

IKGPTU/CS/3529/43



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

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AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

DR VANDANA NAITHANI

of IKGPTU, Kapurthala for the successful participation in one week AICTE and IKGPTU Jalandhar sponsored Faculty Development Programme on “Advancements in the Methodologies for the development of Synthetic Materials” from 06.06.2022 to 11.06.2022 conducted by the Department of Chemical Sciences.

11.6.22

Date

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)



IKGPTU/CS/3529/44

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Chandan Parkash

of IKGPTU for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on “**Advancements in the Methodologies for the development of  
Synthetic Materials**” from 06.06.2022 to 11.06.2022 conducted by the **Department of Chemical Sciences**.

11.06.22

Date

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)

I KGP70 | 06 | 3529 | 45



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

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AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Gaurav Bhargava

of I KGP70 for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on “**Advancements in the Methodologies for the development of  
Synthetic Materials**” from 06.06.2022 to 11.06.2022 conducted by the **Department of Chemical Sciences**.

11.06.22

Date

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)

**Table 3**

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during 2021-22 (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.,) (8)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Supporting Document
Dr. Maninder Kaur	Remote Sensing & GIS	6-12-2021 to 8-12-2021	Annexure-6.3.4
Dr. Varinderjit Singh	Refresher Course on Physical Sciences	15-02-2022 to 28-02-2022	
Dr. Maninder Kaur	"Advancements in the Methodologies for the development of Synthetic Materials"	06-06-2022 To 11-06-2.22	
Dr. Varinderjit Singh	"Advancements in the Methodologies for the development of Synthetic Materials"	06-06-2022 To 11-06-2.22	
Dr. Varinderjit Singh	Free ICT Tool for Effective Research	05-12-2022 To 09-12-2022	

  
Head of Department  
Department of Physics  
I.K.Gujr Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603

No.: 1025



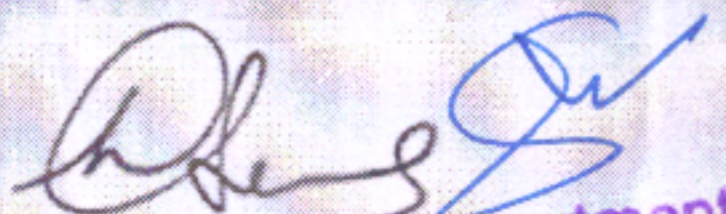
**UGC-Human Resource Development Centre**  
**Himachal Pradesh University, Shimla-171005**  
(NAAC Accredited 'A' Grade University)



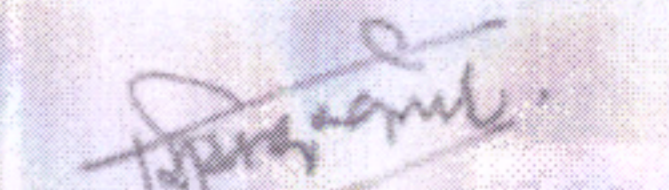
**UGC SPONSORED REFRESHER COURSE**

*Certificate of Participation*

This is to certify that **Dr. Maninder Kaur** Assistant/Associate Professor  
in **Physics** from **Department of Physical Sciences, IKGPTU,**  
**Kapurthala Jalandhar Highway, Kapurthala, Punjab**  
affiliated to **IK Gujral Punjab Technical University, Kapurthala**  
participated in the 2-weeks online Refresher Course on **Remote Sensing & GIS**  
held from **06-12-2021** to **18-12-2021** and obtained **'A'** grade.

  
Head of Department  
COURSE CO-ORDINATOR  
Department of Physics  
IK Gujral Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603

  
DIRECTOR

  
VICE-CHANCELLOR



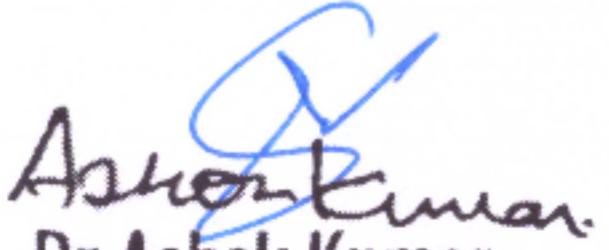
**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
PANJAB UNIVERSITY, CHANDIGARH**

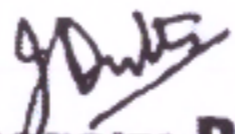
**UGC – SPONSORED REFRESHER COURSE**


7218 to 7242/220322

This is to certify that  
Varinderjit Singh  
Assistant Professor (Physics)  
I.K.Gujral Punjab Technical University,  
Kapurthala

Affiliated to I.K.Gujral Punjab Technical University, Kapurthala  
Participated in the Online - Refresher Course in Physical Sciences (All Physical Science Disciplines)  
from 15.02.2022 to 28.02.2022.  
Obtained **Grade-A**

  
Dr Ashok Kumar  
(Coordinator)  
Head of Department  
Department of Physics  
I.K.Gujral Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603

  
(Honorary Director)

  
Prof. Raj Kumar  
(Vice-Chancellor)

IKGPTU/CS/3529-38



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

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AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Maninder Kaur

of IKGPTU Kapurthala for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on “**Advancements in the Methodologies for the development of  
Synthetic Materials**” from 06.06.2022 to 11.06.2022 conducted by the **Department of Chemical Sciences**.

11/06/2022

Date

Head of Department  
Department of Physics  
I.K. Gujral Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)



IKGPTU/CS/3529-37



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

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AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Varinderjit Singh

of IKGPTU Kapurthala for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on “**Advancements in the Methodologies for the development of  
Synthetic Materials**” from 06.06.2022 to 11.06.2022 conducted by the **Department of Chemical Sciences**.

11/06/2022  
Date  
Head of Department  
Department of Physics  
I.K. Gujral Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603

Dr Rupesh Kumar  
Programme Coordinator

Professor (Dr.) Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)



Certificate No: 851/23

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

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**VARINDERJIT SINGH**

**I.K.G. PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
PUNJAB**

*Participated in the AICTE Recognized Faculty Development Programme*

on

**Free ICT Tool for Effective Research**

*Conducted by*

**Electronics and Communication Engineering Department**

from

**05/12/2022 to 09/12/2022 (One Week)**

at

**IKGPTU, Jalandhar**

**Head of Department  
Department of Physics  
I.K.Gujral Punjab Technical University Jalandhar,  
Kapurthala, Punjab-144603**



**Coordinator**

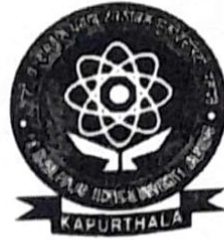
**Head of Department**

**Director**

IKGPTU/EE/FDP-2022/23

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Main Campus, Kapurthala-144603 (PB)




CERTIFICATE

**One-Week National Level AICTE-IKGPTU Sponsored  
Faculty Development Programme**

This is to certify that **Dr. Megha Goyal (IKGPTU)** has participated and has successfully completed One-Week AICTE-IKGPTU Sponsored National Level Faculty Development Programme on "**CURRENT TRENDS IN GREEN ENERGY & POWER SYSTEM**" organized by Department of Electrical Engineering at IK Gujral Punjab Technical University, Kapurthala during the period June 03-08, 2022.

Naam  
Dr Naveen Kumar Sharma  
FDP Coordinator

  
Prof. (Dr.) Y. S. Brar  
FDP Coordinator/Dean PE&P



Sr. No..I.K.U.KTU/EE/218,

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ  
I.K. Gujral Punjab Technical University, Kapurthala

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AICTE & IKGPTU Sponsored One-Week  
Faculty Development Programme

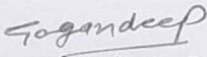
# Certificate of Participation

THIS CERTIFICATE IS AWARDED TO

GURJINDER SINGH (AP-Mathematical Sciences)

from IKGPTU Main Campus Kapurthala having successfully completed the one week AICTE and IKGPTU sponsored Faculty Development Programme on “Applications of Computing Techniques in Sustainable Energy Systems, (ACTSES)” from June 15-20, 2022 organized by the Department of Electrical Engineering, IKGPTU Main Campus, Kapurthala, Punjab.

  
Programme Coordinator

  
Programme Coordinator & Head-EE

  
Dean Academics & Chief Coordinator

IKGPTU/EE/FDP-2022/12

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY  
Main Campus, Kapurthala-144603 (PB)




**CERTIFICATE**

**One-Week National Level AICTE-IKGPTU Sponsored  
Faculty Development Programme**

This is to certify that **Dr Gurjinder Singh (IKGPTU)** has participated and has successfully completed One-Week AICTE-IKGPTU Sponsored National Level Faculty Development Programme on "**CURRENT TRENDS IN GREEN ENERGY & POWER SYSTEM**" organized by Department of Electrical Engineering at IK Gujral Punjab Technical University, Kapurthala during the period June 03-08, 2022.

*Naun*  
Dr Naveen Kumar Sharma  
FDP Coordinator

  
Prof. (Dr.) Y. S. Brar  
FDP Coordinator/Dean PE&P



Sr. No. I.K.G.P.U./EE/219

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ  
I.K. Gujral Punjab Technical University, Kapurthala

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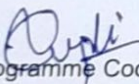
AICTE & IKGPTU Sponsored One-Week  
Faculty Development Programme

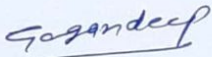
# Certificate of Participation

THIS CERTIFICATE IS AWARDED TO

RAJESH KUMAR NARULA (A.P. - Mathematical Sciences)

from IKGPTU Main Campus Kapurthala having successfully completed the one week AICTE and IKGPTU sponsored Faculty Development Programme on "Applications of Computing Techniques in Sustainable Energy Systems, (ACTSES)" from June 15-20, 2022 organized by the Department of Electrical Engineering, IKGPTU Main Campus, Kapurthala, Punjab.

  
Programme Coordinator

  
Programme Coordinator & Head-EE

  
Dean Academics & Chief Coordinator

IKGPTU/EE/FDP-2022/22

# I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Main Campus, Kapurthala-144603 (PB)



## CERTIFICATE

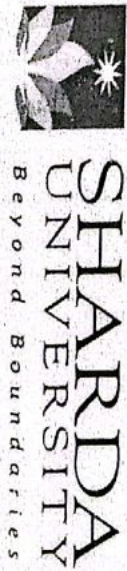
### **One-Week National Level AICTE-IKGPTU Sponsored Faculty Development Programme**

This is to certify that **Dr. Rajesh Kumar Narula (IKGPTU)** has participated and has successfully completed One-Week AICTE-IKGPTU Sponsored National Level Faculty Development Programme on “**CURRENT TRENDS IN GREEN ENERGY & POWER SYSTEM**” organized by Department of Electrical Engineering at IK Gujral Punjab Technical University, Kapurthala during the period June 03-08, 2022.

*Naveen*

**Dr Naveen Kumar Sharma**  
FDP Coordinator

**Prof. (Dr.) Y. S. Brar**  
FDP Coordinator/Dean PE&P



**SCHOOL OF  
ENGINEERING &  
TECHNOLOGY**

# *Certificate of Participation*

*This is to certify that*

Dr./Mr./Ms. .... **Prof. (Dr.) Rajiv Chauhan**

of ..... **I. K. G. Punjab Technical University, Kapurthala, Punjab** has attended one week

E-Faculty Development Programme on "Development of Smart Cities – Perspective from Electrical and Electronics Engineering"

organized by the Department of Electrical Electronics and Communication Engineering,

School of Engineering and Technology, Sharda University, Greater Noida, Uttar Pradesh

during 29th June to 3rd July 2021.

**Prof. Ashish Gupta**  
HOD, EECE Department, SET  
Sharda University

**Prof. (Dr.) Parma Nand**  
Dean, SET  
Sharda University



Sr. No. I.K.G.Kol.Ee/197.

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ  
I.K. Gujral Punjab Technical University, Kapurthala

(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



AICTE & IKGPTU Sponsored One-Week  
Faculty Development Programme

# Certificate of Participation

THIS CERTIFICATE IS AWARDED TO

DR. RAMAN KUMAR (A.P. - CSE)

from I.K. Gujral Pb. Technical University, Kapurthala having successfully completed the one week AICTE and IKGPTU sponsored Faculty Development Programme on “Applications of Computing Techniques in Sustainable Energy Systems, (ACTSES)” from June 15-20, 2022 organized by the Department of Electrical Engineering, IKGPTU Main Campus, Kapurthala, Punjab.

Dupli

Programme Coordinator

Sagandeep

Programme Coordinator & Head-EE

Shanku

Dean Academics & Chief Coordinator

**Table 3 (Excel Sheet 6.3.4 – Annexure A)****6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes**

<b>Name of teacher who attended</b>	<b>Title of the program</b>	<b>Duration (from – to) (DD-MM-YYYY)</b>
Dr Deepak goyal	Research mehodology	18-10-21 to 30-10-21
Dr. Amoljit Singh Gill	Refresher Course In Material Science	24-9-21 to 8-10-21
Dr. Tarun goyal	2nd International conference on Industrial & Manufacturing Systems (CIMS) organized by PEC, Chandigarh and NIT, Jalandhar2	11-11-21 to 13-11-21
	Delivered expert lecture for the students of Sri Sukhmani Institute of Engg. & Technology, Derabassi	17-11-2021
	Development Programme on Advancements in the methodologies for the development of Synthetic Materials organized by IKGPTU, Kapurthala	06 -06- 2022 to 11-6-2022
	Applications of Computing Techniques in Sustainable Energy Systems (ACTSES) organized by IKGPTU, Kapurthala	15-6-2022 to 20-6-2022
	Delivered expert lecture for the students of Rayat Group of Institutions, Railmajra	22-04-2022
	Refresher course on “Advance in Pedagogical approaches” at HRDC, Panjab University Chandigarh	4-1-22 to 17-1-22





HOD  
Department of Mechanical Engineering  
I.K.G. P.T.U. Campus  
Kapurthala

2



# SRI SUKHMANI INSTITUTE OF ENGINEERING & TECHNOLOGY

Derabassi Distt. SAS Nagar (Mohali), Punjab-140507

(Approved by AICTE, Govt. of Punjab & Affiliated to I.K. Gujral Punjab Technical University, Jalandhar)

www.srisukhmanigroup.edu.in  
principal@srisukhmanigroup.edu.in  
ssietderabassi@gmail.com

Ref. No. SSIET/ADM/2021/029

Dated 27/12/2021

Dr. Tarun Goyal,  
Assistant Professor, IKGPTU Campus,  
Hoshiarpur.

Sir,

Greetings from Sri Sukhmani Group of Institution Derabassi

As we would like to have an expert lecture from you for the benefit of the undergraduate students of Mechanical Engineering Department of Sri Sukhmani Group of Institution Derabassi, the main essence of this letter is to seek your consent for the same.

The purpose of organizing the expert lecture is to give an opportunity to the students to improve the practical knowhow of the concepts of industry; develop exposure to specialized topic and to give an insight into the way experts think.

Please accept the invitation for dated 29/12/2021 at 11:30 AM and confirm your availability.

Thanking you in anticipation of your positive response.

Principal  
Principal  
Sri Sukhmani Institute  
of Engg. & Technology  
Dera Bassi (Mohali)



HOD  
Department of Mechanical Engineering  
I.K.G. P.T.U. Jalandhar  
0172-260340

01156 Fax: 017

IKGPTU/CS/3529-36



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar

(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Tarun Goyal

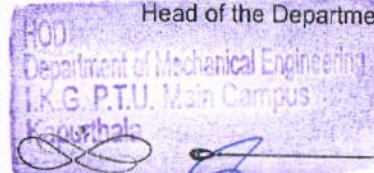
of IKGPTU Kapurthala for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on "Advancements in the Methodologies for the development of  
Synthetic Materials" from 06.06.2022 to 11.06.2022 conducted by the Department of Chemical Sciences.

11/06/2022  
Date

Ru  
Dr Rupesh Kumar  
Programme Coordinator

[Signature]  
Professor (Dr.) Gaurav Bhargava  
Head of the Department

[Signature]  
Professor (Dr.) Vikas Chawla  
Dean (Academics)





Sr. No. IKGPTU/EE/179  
ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ  
I.K. Gujral Punjab Technical University, Kapurthala  
(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



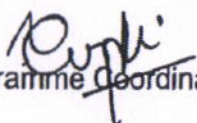
AICTE & IKGPTU Sponsored One-Week  
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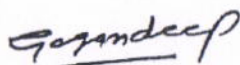
# Certificate of Participation

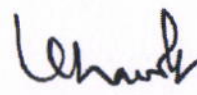
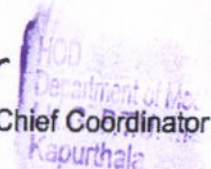
THIS CERTIFICATE IS AWARDED TO

TARUN GOYAL (A.P. - MED)

from IKGPTU, KAPURTHALA having successfully completed the one week AICTE and IKGPTU sponsored Faculty Development Programme on "Applications of Computing Techniques in Sustainable Energy Systems, (ACTSES)" from June 15-20, 2022 organized by the Department of Electrical Engineering, IKGPTU Main Campus, Kapurthala, Punjab.

  
Programme Coordinator

  
Programme Coordinator & Head-EE

  
Dean Academics & Chief Coordinator  




ESTD. 2001

# RAYAT GROUP OF INSTITUTIONS

ROPAR CAMPUS

Railmajra, (6kms from Ropar on NH 21) Distt. Shaheed Bhagat Singh Nagar, Punjab, India 144533

Ph: +91-1881-270500, 270691, 270693 Fax: +91-1881-270501

website : www.rgi.ac.in

Ref No:-RIEIT/D/22/146

Dr Tarun Goyal  
Assistant Professor  
IKGPTU, Kapurthala

Sir,

**Greetings from Rayat Group of Institutions, Railmajra, Ropar.**

As we would like to have an expert lecture from you for the benefit of the undergraduate students of Mechanical Engineering Department of the institute, the main essence of this letter is to seek your consent for the same for 22.04.22 at 11:00 am.

The purpose of organizing the expert lecture is to give an opportunity to the students improve the practical knowhow of the concepts and develop exposure to specialized topics/fields at the frontiers of Mechanical Engineering and give an insight into the way experts think.

Please accept the invitation and confirm the date and time.

Thanking you in anticipation of your positive response.

*Asingh*

DEAN ACADEMICS

Dean Academics  
RAYAT GROUP OF INSTITUTIONS  
Railmajra, Near Ropar  
Distt. S.E.S.Nagar,  
Punjab-144 533 (India)

Mobile- 9876399321

Email- amandeepSingh@rgi.ac.in





**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
PANJAB UNIVERSITY, CHANDIGARH**

Sr.No. 6420

**UGC – SPONSORED REFRESHER COURSE**

This is to certify that

**Tarun Goyal**

**Assistant Professor (Mechanical Engineering)**

**Department of Mechanical Engineering, I.K.G.P.T.U. Main Campus,  
Kapurthala**

**Affiliated to I.K.G.Punjab Technical University, Kapurthala**

**Participated in the Online - Refresher Course in Advance in Pedagogical Approaches (All Disciplines)  
from 04.01.2022 to 17.01.2022.**

**Obtained Grade A**

**Prof. Latika Sharma  
(Coordinator)**

**Prof. S.K. Tomar  
(Honorary Director)**

**Prof. Raj Kumar  
(Vice-Chancellor)**

HOD  
Department of Mechanical Engineering  
I.K.G.P.T.U. Main Campus  
Kapurthala



UNIVERSITY GRANTS COMMISSION  
HUMAN RESOURCE DEVELOPMENT CENTRE



NORTH-EASTERN HILL UNIVERSITY  
SHILLONG - 793022

UGC-SPONSORED REFRESHER COURSE

This is to certify that

Mr. Amoljit Singh Gill

Assistant Professor

(Name of Participant)

(Designation)

Department of Mechanical Engineering, I. K. Gujral Punjab Technical University

Jalandhar, Punjab

(College/University)

(Place)

Affiliated to I. K. Gujral Punjab Technical University

Participated in the Refresher Course in Material Science and Nanotechnology\* from

24<sup>th</sup> September, 2021 to 8<sup>th</sup> October, 2021 in Online Mode and obtained grade

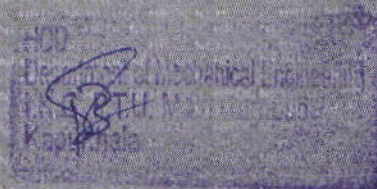


Director

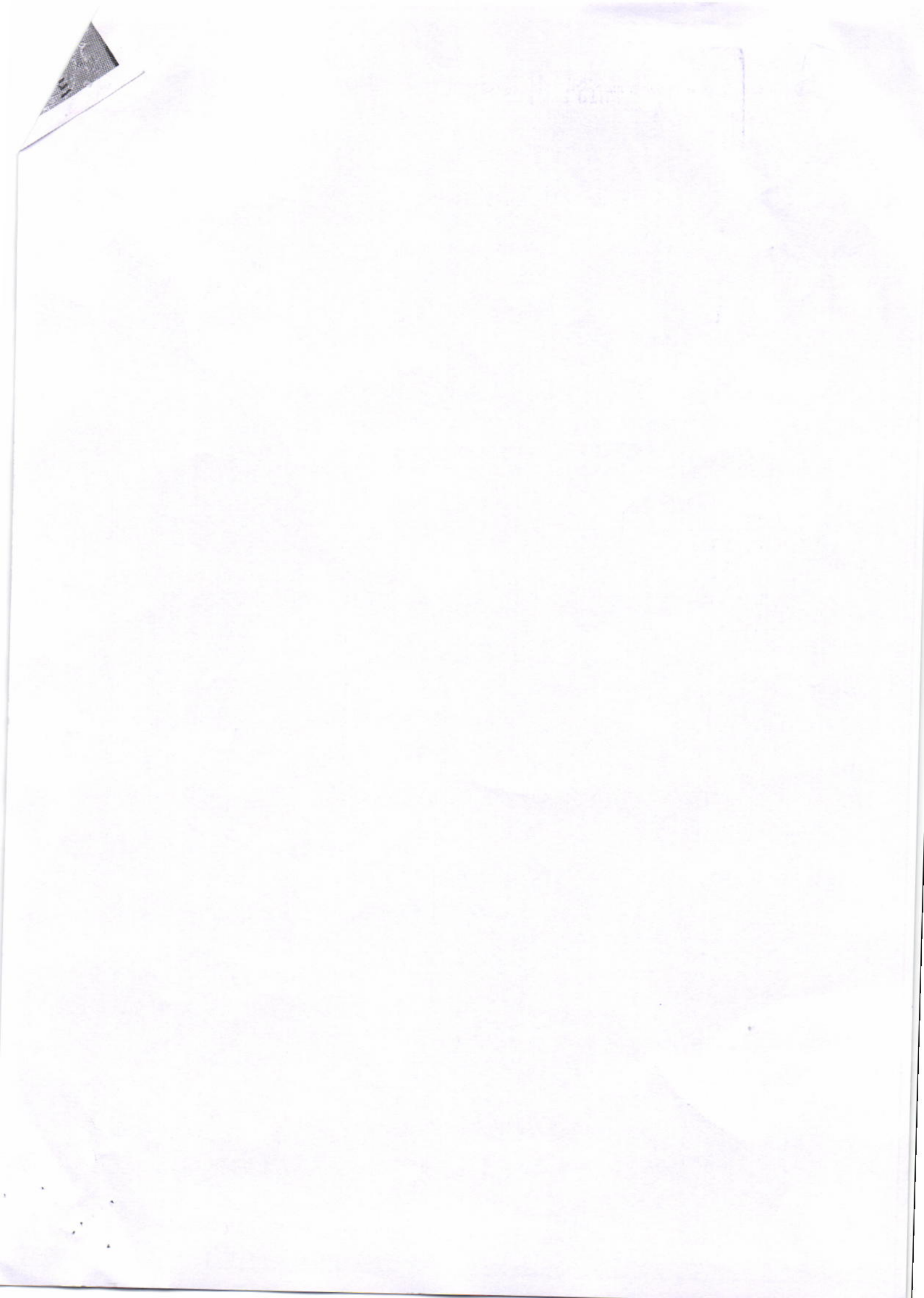
Course Coordinator

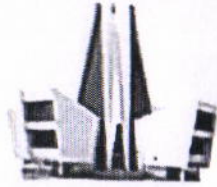
Vice-Chancellor

Inter/Multi-disciplinary



*(Handwritten mark)*





**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE**  
**PUNJABI UNIVERSITY, PATIALA**  
(Established under Punjab Act No.35 of 1961)



Ref. HRDC/PUP/ 4701

Sr No 8356

**UGC-SPONSORED REFRESHER COURSE**

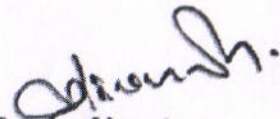
This is to certify that Dr. Deepak Kumar Goyal

Assistant Professor, Department of Mechanical Engineering, I. K. Gujral Punjab Technical University Jalandhar, Kapurthala, Punjab

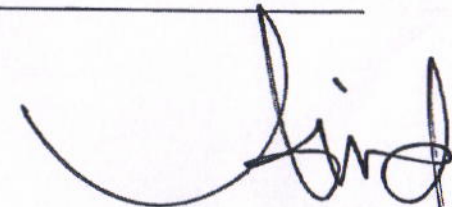
affiliated to \_\_\_\_\_

Participated in the Refresher Course: Research Methodology (Inter Disciplinary) Conducted Online

from 18-10-2021 to 30-10-2021 and obtained Grade 'A'

  
Co-ordinator

  
Director

  
Vice-Chancellor

Patiala: 30-10-2021



No:ATAL/2021/1622891848



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

**AICTE Training And Learning (ATAL) Academy**

**Certificate**

This is certified that DALVEER kaur, Assistant Professor of IKGPTU MAIN CAMPUS, KAPURTHALA participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Capacity Building of Women Leaders in Higher Education" from 2021-07-12 to 2021-07-16 at S.R.M. Institute of Science and Technology.

Adviser-I, ATAL Academy



Coordinator

Head  
Department of Electronics & Communication Engineering  
JK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab-14603)



Certificate No : 7212/21-22.

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

**MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA**

**Certificate**

*This is to certify that*

**DALVEER KAUR**

**I.K.GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

**on**

**VLSI Physical Design Techniques**

**from**

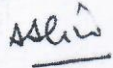
**26/07/2021 to 30/07/2021 (one Week)**

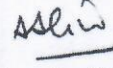
*Conducted by*

**Electronics and Communication Engineering Department**

**NITTTR, Chandigarh**



  
Co-ordinator

  
Head of the  
Department

  
Director





Certificate No : 7337/21-22

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

**MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA**

**Certificate**

*This is to certify that*

**DALVEER KAUR**

**I.K.GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

**on**

**Emerging Wireless Communication Technologies**

**from**

**02/08/2021 to 06/08/2021 (one Week)**

*Conducted by*

**Electronics and Communication Engineering Department**

**NITTR, Chandigarh**



*[Signature]*  
Co-ordinator

*[Signature]*  
Head of the  
Department

*[Signature]*  
Director

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-146103

*[Signature]*



Certificate No : 8186/21-22

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

**MINISTRY OF EDUCATION, GOVERNMENT OF INDIA**

**Certificate**

*This is to certify that*

**DALVEER KAUR**

**I.K.GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

**on**

**Digital and Analog VLSI Design**

**from**

**13/09/2021 to 17/09/2021 (one Week)**

*Conducted by*

**Electronics and Communication Engineering Department**

**NITTTR, Chandigarh**



*B. Raj*  
Co-ordinator

*SSK*  
Head of the  
Department

*[Signature]*  
Director

Department of Electronics & Communication Engineering  
I.K. Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

*[Signature]*



Certificate No: 409

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

**MINISTRY OF EDUCATION, GOVERNMENT OF INDIA**

***Certificate***

**DALVEER KAUR**

**IKGPTU MAIN CAMPUS, KAPURTHALA PUNJAB**

*Participated in the AICTE QIP sponsored Online STC*

on

***Intelligent Nanophotonics***

from

**04/10/2021 to 09/10/2021 (one Week)**

*Conducted by*

**Computer Science and Engineering Department**

*Mala*  
Coordinator

*Ramkrishna*  
Head of the  
Department

*BSW*  
Director

*JA*



No: ATAL/2021/1626663623



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

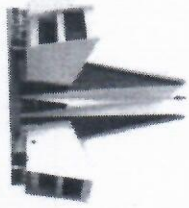
*Certificate*

This is certified that DALVEER kaur, Assistant Professor of IKGPTU MAIN CAMPUS, KAPURTHALA participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Challenges in adapting Machine Learning towards 5G/6G Communications" from 09/08/2021 to 13/08/2021 at Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology.

Advisor-I, ATAL Academy  
Dr. Mamta Rani Agarwal



Coordinator



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
PUNJABI UNIVERSITY, PATIALA**  
(Established under Punjab Act No.35 of 1961)



Ref. HRDC/PUP/ 4717

Sr No S872

**UGC-SPONSORED REFRESHER COURSE**

This is to certify that Dr. Rakash Goyal

Assistant Professor, Department of Electronics & Communication Engineering, I K Gujral Punjab Technical University,

Kapurthala, Punjab

affiliated to \_\_\_\_\_

Participated in the Refresher Course: Research Methodology (Inter Disciplinary) Conducted Online

from 18-10-2021 to 30-10-2021 and obtained Grade 'A'.

*[Signature]*  
Co-ordinator

Patiala: 30-10-2021

*[Signature]*  
Director

*[Signature]*

*[Signature]*

Vice-Chancellor

Head

I K Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144673

1K61PTU|CS/3529-22



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ  
I.K. Gujral Punjab Technical University, Jalandhar  
(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)

AICTE & IKGPTU Sponsored One-Week  
Faculty Development Program (FDP)

# Certificate of Participation

THIS CERTIFICATE IS PRESENTED TO

Dr. Amit Gupta

of IKGPTU Kapurthala for the successful participation in one week AICTE and IKGPTU  
Jalandhar sponsored Faculty Development Programme on "Advancements in the Methodologies for the development of  
Synthetic Materials" from 06.06.2022 to 11.06.2022 conducted by the Department of Chemical Sciences.

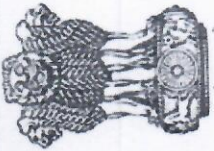
11/06/2022  
Date

Dr. Rupesh Kumar  
Programme Coordinator

Dr. Gaurav Bhargava  
Head of the Department

Professor (Dr.) Vikas Chawla  
Dean (Academics)

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-146613



मान्यते जयते

# भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः परिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र

COR1014100292021

## OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

समन्वय का प्रमाणपत्र

### CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि इन्दर कुमार गुजराल पंजाब टेक्निकल यूनिवर्सिटी जालंधर, कपूरथला कार्यरत डॉ॰ अमित गुप्ता, ने " भू-अवलोकन आधारित, भूस्सलन का मानचित्रण, मॉडलिंग और निगरानी : प्रारंभिक चेतावनी के समर्थन में आधुनिक गतिविधियाँ " विषय पर इस संस्थान द्वारा दिनांक 21 अप्रैल, 2021 को आयोजित एक दिवसीय ऑनलाइन कार्यशाला को समन्वित किया।

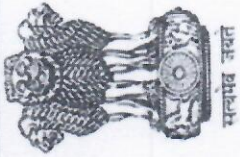
This is to certify that **DR. AMIT GUPTA**, working with **I. K. Gujral Punjab Technical University Jalandhar, Kapurthala**, has coordinated one day online workshop on "Earth Observation based Mapping, Monitoring and Modelling of Landslide: Recent trends and support to early warning system" conducted by this institute on April 21, 2021

दिनांक/ Date: 12-07-2021  
देहरादून/ Dehradun

प्रमुख,  
जियोवेब सर्विसेस, दूरभाष प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Head  
Department of Technical Education Engineering  
I.K Gujral Punjab Technical University  
Jalandhar, Punjab 144003



भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION  
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम

COR82100292021

ONLINE DISTANCE LEARNING PROGRAMME

समन्वय का प्रमाणपत्र

CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि इन्दर कुमार गुजराल पंजाब टेक्निकल यूनिवर्सिटी जालंधर, कपूरथला कार्यरत डॉ॰ अमित गुप्ता, ने 'मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा' विषय पर इस संस्थान द्वारा दिनांक 05 जुलाई, 2021 से 09 जुलाई, 2021 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. AMIT GUPTA**, working with **I. K. Gujral Punjab Technical University Jalandhar, Kapurthala**, has coordinated the online training course on "**Machine learning to Deep Learning: A journey for remote sensing data classification**" conducted by this institute during July 05, 2021 to July 09, 2021.



दिनांक/ Date: 14-07-2021  
देहरादून/ Dehradun

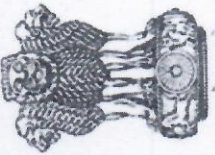
प्रमुख,  
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग  
Head, Geoveb Services, IT & Distance Learning Department



समूह प्रमुख,  
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह  
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS



Department of Electronics & Communication Engineering  
I. K. Gujral Punjab Technical University  
Main Campus, Kapurthala (Distt-141002)



सत्यमेव जयते

## भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION

अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम

ONLINE DISTANCE LEARNING PROGRAMME

COR20229810029

समन्वय का प्रमाणपत्र

### CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि इन्दर कुमार गुजराल पंजाब टेक्निकल यूनिवर्सिटी जालंधर, कपूरथला कार्यरत डॉ॰ अमित गुप्ता, ने आर्टिफिशियल इंटेलिजेंस (एआई) द्वारा पृथ्वी अवलोकन (ईओ) एवं जियोडेटा हैंडलिंग व प्रोसेसिंग विषय पर इस संस्थान द्वारा दिनांक 02 मई, 2022 से 13 मई, 2022 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **DR. AMIT GUPTA**, working with **I. K. Gujral Punjab Technical University Jalandhar, Kapurthala**, has coordinated the online training course on **Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing** conducted by this institute during **May 02, 2022 to May 13, 2022**

दिनांक/ Date: 24-05-2022

देहरादून/ Dehradun

प्रमुख,

जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग/

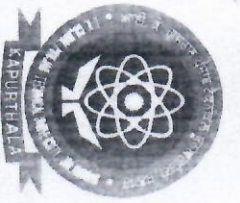
Head, Geovis Services, IT & Distance Learning Department, IIRS

I. K. Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141003

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS



Sr. No. I.K.A/Engg/173,  
ਆਸੀ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ  
I.K. Gujral Punjab Technical University, Kapurthala  
(A State University Established by Govt. of Punjab vide Punjab Act No. 1 of 1997)



AICTE & IKGPTU Sponsored One-Week  
Faculty Development Programme

# Certificate of Participation

THIS CERTIFICATE IS AWARDED TO

DR. RAKESH KUMAR. (AP. - ECE)

from IKGPTU MAIN CAMPUS KAPUR THALA having successfully completed the one week AICTE and IKGPTU sponsored Faculty Development Programme on "Applications of Computing Techniques in Sustainable Energy Systems, (ACTSES)" from June 15-20, 2022 organized by the Department of Electrical Engineering, IKGPTU Main Campus, Kapurthala, Punjab.

Programme Coordinator

Programme Coordinator & Head-EE

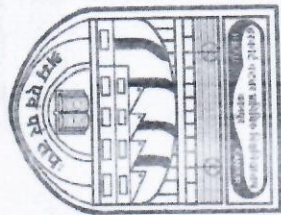
Dean Academics & Chief Coordinator

Department of Electronics & Communication Engineering  
I.K. Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

17/PART/ICA-2021/EED-HBTUK

Harcourt Butler Technical University, Kanpur

100  
YEARS  
1921 - 2021



School of Engineering (SoE)

Department of Electrical Engineering (EED)

## Certificate of Participation

This is to certify that **Dr. Rakesh Kumar**, Assistant Professor, Department of Electronics & Communication Engineering, IK Gujral Punjab Technical University, Main Campus, Kapurthala, Punjab has participated in One Week Online Faculty Development Programme (FDP) on **Intelligent Control and Its Applications** organised by Department of Electrical Engineering, SoE from **16-20 August 2021** at HBTU Kanpur.

(C. N. Singh)

Assoc. Prof., EED

Organising Secretary

(Dr. Yaduvir Singh)

Prof. & Head, EED

Chairperson

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



No: ATAL/2021/1632408618



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

AICTE Training and Learning (ATAL) Academy

*Certificate*

This is certified that Rakesh Kumar, Assistant Professor of IKGPTU Main Campus Kapurthala participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " High Speed Wireless and Optical Technologies for developing Global Network " from 04/10/2021 to 08/10/2021 at Chandigarh College of Engineering and Technology (DEGREE WING).

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

Coordinator



IKGPTU/EE/FDP-2022/48

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Main Campus, Kapurthala-144603 (PB)



**CERTIFICATE**

**One-Week National Level AICTE-IKGPTU Sponsored  
Faculty Development Programme**

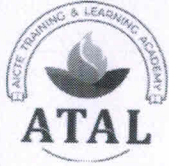
This is to certify that **Dr. Rakesh Kumar (IKGPTU)** has participated and has successfully completed One-Week AICTE-IKGPTU Sponsored National Level Faculty Development Programme on "**CURRENT TRENDS IN GREEN ENERGY & POWER SYSTEM**" organized by Department of Electrical Engineering at IK Gujral Punjab Technical University, Kapurthala during the period June 03-08, 2022.

Naam

Dr Naveen Kumar Sharma  
FDP Coordinator

Prof. (Dr.) Y. S. Brar  
FDP Coordinator/Dean PE&P

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University,  
Main Campus, Kapurthala (Punjab) 144603



# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

## AICTE Training and Learning (ATAL) Academy

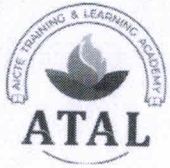
### *Certificate*

This is certified that **Barinderjit Singh**, Assistant Professor of I.K.G.Punjab Technical University participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FDP on Social Entrepreneurship" from 04/10/2021 to 08/10/2021 at Entrepreneurship Development Institute of India.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



*Barinderjit Singh*  
12/06/21  
Coordinator  
Deptt. of Food Science & Technology  
I.K. Gujral Punjab Technical University  
KAPURTHALA



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

**Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070**

**AICTE Training and Learning (ATAL) Academy**

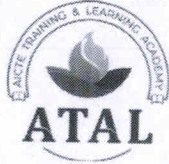
***Certificate***

This is certified that **Barinderjit Singh**, Assistant Professor of **L.K.G.Punjab Technical University** participated & completed successfully **AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FDP in Entrepreneurship"** from **20/09/2021 to 24/09/2021** at **Entrepreneurship Development Institute of India .**

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



13/10/22  
Coordinator  
Deptt. of Food Science & Technology  
I.K. Gujral Punjab Technical University  
KAPURTHALA



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

**Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070**

**AICTE Training and Learning (ATAL) Academy**

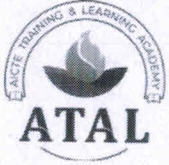
*Certificate*

This is certified that **Barinderjit Singh**, Assistant Professor of I.K.G.Punjab Technical University participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Technological Approaches for Utilization of Food Industry Waste" from 13/09/2021 to 17/09/2021 at National Institute of Food Technology Entrepreneurship and Management (NIFTEM).

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



*Handwritten signature and date: 13/06/23*  
Coordinator  
Deptt. of Food Science & Technology  
I.K. Gujral Punjab Technical University  
KAPURTHALA



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training and Learning (ATAL) Academy**

*Certificate*

This is certified that **Barinderjit Singh**, Assistant Professor of **L.K.G.Punjab Technical University** participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Agri Entrepreneurship" from 23/08/2021 to 27/08/2021 at Entrepreneurship Development Institute of India.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Head  
Deptt. of Food Science & Technology  
I.K. Gujral Punjab Technical University  
KAPURTHALA

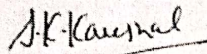
*Handwritten signature and date: 12/06/23*

Coordinator

# “Pay back to society”

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Kapil Gupta, Assistant Professor, I. K. Gujral Punjab Technical University, Kapurthala has participated “One Week Online Faculty Development Program on Quantitative Data Analysis” from July 13-17, 2021.



Dr Shailesh K. Kaushal

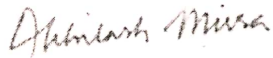
Organiser & Resource Person, Lucknow



# Certificate of Participation

This is to certify that  
**Kapil Gupta**

has participated in the  
**Online Faculty Development Program  
on Investments & Trading - Concepts & Application**  
with hands-on exposure on NSE SMART Trading Simulator.  
August 31, 2021 & September 1, 2021.



Abhilash Misra  
Authorized Signatory  
NSE Academy Limited



Mehul Mehta  
Authorized Signatory  
TCS iON

**NAL - TCS iON/FDP/2021-22/000328**

*NSE Academy Limited is a  
wholly owned subsidiary of NSE*

Powered by



Date: September 8, 2021  
Place: Mumbai







**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**WEBINAR**

Organized by

Department of College Development, IKGPTU

*Certificate of Participation*

*awarded to*

**Dr KAPIL GUPTA**

*for participation in webinar on*

**“NAAC/NBA Accreditation Awareness Workshop”**

*on 15th and 16th July, 2021.*

**(Dr.) Balkar Singh**  
Director  
College Development, IKGPTU

**Er. Sandeep Kumar Kazal**  
Registrar  
IKGPTU

**Prof. (Dr.) Ajay Kumar Sharma**  
Vice Chancellor  
IKGPTU

CERTIFICATE OF PARTICIPATION

presented to

**Kapil Gupta**

FOR

Attending a webinar on

**AAA of Investing**

ORGANISERS

dtd: 25<sup>th</sup> July 2021



*Kapil*



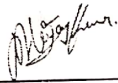
## Certificate of Participation

Presented to

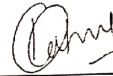
*Kapil Gupta*

for participating in

□ KNOWLEDGE SHARING SESSION on "HOW TO MAXIMIZE SHARED VALUE THROUGH SUSTAINABILITY?"  
as part of Responsible Business Webinar Series (RB Event 03)



**Vijay Kumar Machcha**  
Program Manager  
Responsible Business & CSR, BVIC



**Rahul Bhardwaj**  
Senior Director & Head  
BVIC

*Kapil Gupta*

# CERTIFICATE OF PARTICIPATION

presented to

Kapil Gupta

FOR

Attending a webinar on

## Financial Independence

ORGANISERS

dtd: 8<sup>th</sup> August 2021



A handwritten signature in blue ink, appearing to read 'Rajita', is written over the bottom right corner of the certificate's decorative border.



# Certificate of Participation

presented to

**Kapil**

FOR

Attending a webinar on

Personal Finance Lessons from  
Financial Gurus

ORGANISERS

dtd: 5<sup>th</sup> September 2021



*Kapil*



# Certificate of Participation

presented to

**Kapil Gupta**

*for*

*Attending a Webinar on*

**SMART AND RESPONSIBLE INVESTING**

ORGANISERS



Aditya Birla Sun Life  
Mutual Fund



dtd: 10<sup>th</sup> October 2021

*Certificate of Participation*

presented to

**Kapil Gupta**

FOR

Attending a webinar on  
**UNION BUDGET & YOU**  
**SIMPLE HABITS OF HAPPY LIFE**

ORGANISERS



Aditya Birla Sun Life  
Mutual Fund



*dtd : 6<sup>th</sup> February 2022*



# Certificate of Participation

PRESENTED TO

Kapil Gupta

*for*

*Attending a webinar on*

**FINANCIAL WELL-BEING  
FOR HER**

ORGANISERS

Date : 5th March 2022

**THE WEEK**  
CONNECTION TO A BETTER WORLD

Aditya Birla Sun Life  
Mutual Fund

**ASTIR BOLA  
CAPITAL**

*Kapil*



# CERTIFICATE OF PARTICIPATION

presented to

**Kapil Gupta**

FOR

Attending a webinar on

## MAKE YOUR MONEY WORK

ORGANISERS



*Dated : 1<sup>st</sup> May 2022*



Sr. No. IKGPTU/HLCS/1425

PTU

IKG PUNJAB TECHNICAL UNIVERSITY




## Certificat de Langue Française

Il est certifié que Dr. Kapil Gupta  
né (e) le 8 Nov. 1979 a assisté avec succès  
à Sixty heures de cours de français,  
Niveau I, offert par IKG Punjab Technical University.  
La session s'est déroulée du Oct. 2021 au Jan. 2022

## Certificate of French Language

This is to certify that Ms. / Mr. Dr. Kapil Gupta,  
Date of Birth 8 Nov. 1979 has successfully completed  
the Sixty hours, French Language Course  
level I offered by the IKG Punjab Technical University.  
Session of course Oct. 2021 to Jan. 2022

  
Controller Examination

  
Registrar

17/1/22



NISM

एन.एस.आई.एस.एम.  
National Institute of Securities Markets  
An Educational Initiative of SEBI

CRISIL  
1Academy



**NISM & CRISIL CERTIFIED**  
**WEALTH MANAGER**  
**Kapil Gupta**

is hereby conferred this certificate upon clearing the  
examination for

**NISM & CRISIL**  
**Certified Wealth Manager programme**

held on  
June 25, 2022

This certificate is valid for a period of three years.

Mr. Sunil Kadam  
Registrar

National Institute of Securities Markets

Mr. Suresh Krishnamurthy  
Business Head - CRISIL Research  
CRISIL Limited





S.No. V.V.

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**WEBINAR**

Organized by

Department of College Development, IKGPTU

*Certificate of Participation*

*awarded to*

**Dr POOJA MEHTA**

*for participation in webinar on*

**“NAAC/NBA Accreditation Awareness Workshop”**

*on 15th and 16th July, 2021.*

**(Dr.) Balkar Singh**  
Director  
College Development, IKGPTU

**Er. Sandeep Kumar Kazal**  
Registrar  
IKGPTU

**Prof. (Dr.) Ajay Kumar Sharma**  
Vice Chancellor  
IKGPTU



# Estonian Council for Professional Training and Education

Devoted to Promotion of Quality and Standards in Professional Training and Education

## CERTIFICATE OF PARTICIPATION

By this Certificate warrants that  
**DR. RAJPREET KAUR**



Has Participated in the Event of  
**FINANCIAL LITERACY**

17<sup>th</sup> December 2021

Held On



*Rajpreet Kaur*  
Signature & Stamp

*Rajpreet Kaur*



# UGC-HUMAN RESOURCE DEVELOPMENT CENTRE PANJAB UNIVERSITY, CHANDIGARH

## UGC – SPONSORED REFRESHER COURSE

Sr.No. 7270 to 7286/310322

This is to certify that

Sarabjit

Assistant Professor (Punjabi)


Department of HLCS ,I.K. Gujral, Punjab Technical University,  
Kapurthala


Affiliated to I.K. Gujral, Punjab Technical University, Jalandhar, Kapurthala

Participated in the Online - Refresher Course in Indian Languages (*All Indian Languages Disciplines*)  
from 18.03.2022 to 31.03.2022.

Obtained **Grade-A**

  
18/04/2022  
Prof. Baijnath Prasad  
(Coordinator)

  
Prof. (Honorary Director)

  
Prof. Raj Kumar  
(Vice-Chancellor)



# Certificate



This is to certify that **Dr. AMIT HANDA** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Surface Engineering & Coatings: Fundamentals, Practice & Applications”** held during **16.02.2022** to **22.02.2022** organized by **I. K. Gujral Punjab Technical University, Kapurthala, Punjab.**

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

Program Coordinator/Dean  
IKGPTU, Kapurthala



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University u/s 3 of UOC Act, 1956)



# SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

School of Computing  
Department of Computational Intelligence

## *Participation Certificate*

This is to certify that Dr/Mr/Mrs Dr Kulwinder Singh Parmar  
of I K Gujral Punjab Technical University

has participated in the Two days National Workshop on "**Deep Learning Based Efficient Code Optimization in Software Engineering**" Organized by Dept of Computational Intelligence , School of Computing , SRM Institute of science and Technology , Kattankulathur on 24th and 25th Feb 2022.

Dr.M.Ferni Ukrit

Convener ,Associate Professor, CINTEL

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

Dr. R. Annie Uthra

Professor and Head, CINTEL



No: ATAL/2022/1641304762



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training and Learning (ATAL) Academy

# *Certificate*

This is certified that **Kulwinder Singh Parmar**, Assistant Professor of **IK Gujral Punjab Technical University** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Current Trends and Future Prospects in Data Science**" from **10/01/2022** to **14/01/2022** at **Central University of Rajasthan**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Academic Co-ordinator

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus



# Certificate of Participation

ONE WEEK FACULTY DEVELOPMENT PROGRAMME  
ON

**RESEARCH ESSENTIALS**

**31<sup>st</sup> January, 2022 - 5<sup>th</sup> February, 2022**

This is certify that

Mr./Ms. **DR. KULWINDER SINGH**

of **I K Gujral Punjab Technical University**

Actively participated in One Week **Faculty Development Programme** on **"Research Essentials"**

organized by Department of Computer Science & Engineering held from **31<sup>st</sup> Jan. - 5<sup>th</sup> Feb., 2022**

at Chandigarh University, Gharuan, Mohali, Punjab (India).

**Prof. (Dr.) Sandeep Singh Kang**  
Professor - CSE

**Prof. (Dr.) Sameeruddin Khan**  
Executive Director - CSE

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

**Prof. (Dr.) Priestly Shan**  
Dean Academic Affairs



डा० बी० आर० अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान, जालंधर  
Dr. B. R. Ambedkar National Institute of Technology, Jalandhar  
बाई पास जी०टी० रोड, जालंधर – १४४०११, पंजाब (भारत)  
Bye pass G. T. Road, Jalandhar – 144 011, Punjab (India)



One week online workshop  
on

## Statistical Techniques for Data Analysis

(22/11/2021 to 26/11/2021)

### *Certificate of Participation*

This is to certify that **Dr. Kulwinder Singh Parmar** has participated in the DST-SERB sponsored one week online workshop on “**Statistical Techniques for Data Analysis**” from **22/11/2021** to **26/11/2021**, organized by Department of Physics, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab (India).

Dr. Arvind Kumar  
(Convener)

Dr. Harleen Dahiya  
(Coordinator)

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

Dr. Suneel Dutt  
(Coordinator)



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

### AICTE Training and Learning (ATAL) Academy

# *Certificate*

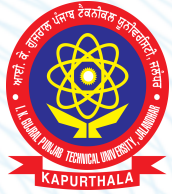
This is certified that **Kulwinder Singh Parmar**, Assistant Professor of **IK Gujral Punjab Technical University** participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Advanced Mathematical Techniques in Engineering and Technology**" from **18/10/2021** to **22/10/2021** at **Maharshi Dayanand University Rohtak**.

Advisor-I, ATAL Academy  
Mamta Rani Agarwal



Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

Coordinator



# I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR



in Collaboration with

**Shiksha Sanskriti Utthan Nyas (SSUN), New Delhi**

Organizes

## **FIVE DAY WEBINAR SERIES**

***“Implementation of National Education Policy (NEP) 2020”***

*held on 18th - 24th August, 2021.*

***Certificate of Participation***

*awarded to*

**KULWINDER SINGH PARMAR, ASSISTANT PROFESSOR**

**I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY CAMPUS, HOSHIARPUR**

**Prof. (Dr.) Vikas Chawla**  
Dean (Academics)  
IKGPTU

**Prof. (Dr.) Ajay Kumar Sharma**  
Vice Chancellor  
IKGPTU

**Academic Co-ordinator**  
IKGPTU Hoshiarpur Campus



# POORNIMA

## COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NBA

**FIVE DAYS INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME**

On

**“Emerging Trends in AI and Data Science Applications”**

Organized by

Department of Computer Engineering

### **CERTIFICATE OF PARTICIPATION**

*This is to certify that **Dr. KULWINDER SINGH PARMAR** from **I K Gujral Punjab Technical University** has participated in the Five Days International Faculty Development Programme (FDP) on **“Emerging Trends in AI and Data Science Applications”** held from 12/12/2022 to 16/12/2022 at “Poornima College of Engineering, Jaipur”.*

Dr. Nikita Jain  
Convenor-FDP  
PCE, Jaipur

Mr. Manish Dubey  
Convenor-FDP  
PCE, Jaipur

Dr. Kamlesh Gautam  
Coordinator-FDP  
PCE, Jaipur

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

Mr. Manish Choubisa  
Coordinator-FDP  
PCE, Jaipur

Prof. (Dr.) Mahesh Bundele  
Principal and Director  
PCE, Jaipur



# Certificate



This is to certify that **Dr. SUNIL KUMAR MAHLA** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on “**Surface Engineering & Coatings: Fundamentals, Practice & Applications**” held during **16.02.2022** to **22.02.2022** organized by **I. K. Gujral Punjab Technical University, Kapurthala, Punjab.**

Director (FDC)  
AICTE, ND

Executive Secretary  
ISTE, ND

Program Coordinator/Dean  
IKGPTU, Kapurthala

Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

No.: BFCET/CE/003



# AICTE-MRSPTU SPONSORED SIX DAYS FACULTY DEVELOPMENT PROGRAMME



on

**Waste Management & Environmental Protection for Sustainable Development**

(10<sup>th</sup> January to 15<sup>th</sup> January 2022)

## CERTIFICATE OF PARTICIPATION

This is certified that Rinku Walia from IKGPTU Hoshiarpur Campus has successfully attended AICTE-MRSPTU sponsored Six Days Online Faculty Development Programme on Waste Management & Environmental Protection for Sustainable Development from 10<sup>th</sup> January to 15<sup>th</sup> January 2022, organized by the **Department of Civil Engineering, Baba Farid College of Engineering and Technology, Bathinda (Punjab).**

(Er Pankaj Mittal)  
Programme Coordinator

**BABA FARID**  
**GROUP OF INSTITUTIONS**

Bathinda, Punjab (India)

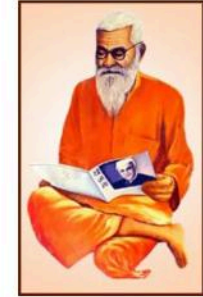
Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

Dr Jayoti Bansal)  
Principal





**5 – Day Faculty Development Program**  
**on**



**“Transportation Geotechnics and Materials for Sustainable Infrastructure (TGMSI – 2021)”**

**Organised by**

**(Department of Civil Engineering & Centre for Transportation Engineering)**

**Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur**

**Certificate**

Ref No.: SKIT/CE/TGMSI-2021/ 36

This is to certify that **Dr./Mr./Ms.** Dr Rinku Walia of IKGPTU Hoshiarpur campus

has participated in 5 - Day FDP on **“Transportation Geotechnics and Materials for Sustainable Infrastructure (TGMSI – 2021)”** held from 13/12/2021 to 17/12/2021 at Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur.

Dr. D. K. Sharma  
HOD - CE & Coordinator  
(SKIT, Jaipur)

Mr. Nishant Sachdeva  
Coordinator  
(SKIT, Jaipur)

Dr. Prachi Kushwaha  
Coordinator  
(SKIT, Jaipur)

Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

Dr. Ramesh Kumar Pachar  
Principal  
(SKIT, Jaipur)



Certificate No: QIP/609/2021-22

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

**MINISTRY OF EDUCATION, GOVERNMENT OF INDIA**

**Certificate**

This is to certify that

**DR RINKU WALIA**

**IKG PUNJAB TECHNICAL UNIVERSITY HOSHIARPUR CAMPUS,  
IKGPTU HOSHIARPUR**

*Participated in the AICTE sponsored QIP Short Term Course*

on

***Smart Cities: Opportunities and Challenges***

from

**25/10/2021 to 30/10/2021 (One Week)**

*Conducted online by*

**Civil Engineering Department  
NITTTR, Chandigarh**

Co-ordinator

Head of the  
Department

The Director

Academic Co-ordinator  
IKGPTU Hoshiarpur Campus



Certificate No : 7538/21-22

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

**MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA**

**Certificate**

*This is to certify that*

**DR. SHASHI BAHL**

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY HOSHIARPUR CAMPUS,  
HOSHIARPUR  
PUNJAB**

*Participated in the Online AICTE Recognized Faculty Development Programme*

**on**

**Nano sensors and Devices**

**from**

**02/08/2021 to 06/08/2021 (one Week)**

*Conducted by*

**Applied Science Department**

**NITTTR, Chandigarh**



Co-ordinator

Head of the  
Department

Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

Director

पंजी. क्र. MEE-8/2021-2022/39560  
Regd. No.



आई.डी. क्र. TP-18803  
ID No.

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं  
अनुसंधान संस्थान, भोपाल  
(शिक्षा विभाग, भारत सरकार)

National Institute of Technical Teachers'  
Training and Research, Bhopal  
(Ministry of Education, Govt. of India)

प्रमाणपत्र  
Certificate

यह प्रमाणपत्र  
इस संस्थान द्वारा आयोजित लघु अवधि प्रशिक्षण कार्यक्रम  
सफलता पूर्वक पूर्ण करने पर प्रदान किया जाता है।

This certificate is awarded to  
DR. SHASHI BAHL


I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, HOSHIARPUR CAMPUS

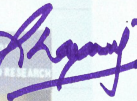
for successfully completing the short term training programme conducted by this institute.

प्रशिक्षण विषय : AUTOMATION IN MANUFACTURING INDUSTRIES  
Programme Title:

अवधि/Duration : 09-08-2021 to 13-08-2021

स्थान/Venue : Online

  
समन्वयक  
Co-ordinator

  
निदेशक  
Director

दिनांक/Date : 03-09-2021

  
Academic Co-ordinator  
IKGPTJ Hoshiarpur Campus

Certificate No.: ME/FEMMAE-22/01



**Dr B R Ambedkar National Institute Of Technology Jalandhar**  
**G T Road Bye Pass, Jalandhar-144011, Punjab (India)**  
**(An Institution of National Importance)**

## Certificate of Participation

This is to certify that

**Dr SHASHI BAHL**

From

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**HOSHIARPUR CAMPUS**

has attended and successfully completed One Week Online Faculty Development Program (FDP) / Short Term Course on “*FEM and Modal Analysis in Engineering*” (FEMMAE-22) held from 11<sup>th</sup> –15<sup>th</sup> March, 2022, organized by Department of Mechanical Engineering, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India.

Dr Manoj Kumar  
Course Coordinator

Dr Ashok Kumar  
Course Coordinator

Academic Co-ordinator  
IKGPTU Hoshiarpur Campus

Dr Pramod Kumar  
HOD, ME



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

(MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)

**Certificate**

**VIKRAMJEET SINGH**

**IKGPTU Amritsar Campus**

participated in Two-days Workshop on

on

**Renewable Energy: Materials & Devices**  
from

**03/02/2022 to 04/02/2022**

conducted online by

**Department of Applied Science, NITTTR Chandigarh  
and IKG PTU, Amritsar Campus**

Coordinator

Head of the Department

Director

JKTU Punjab Technical University  
Amritsar Campus  
Near Cipt College, Polytechnic Road,  
Chichearta, Amritsar-Punjab-143105  
Ph. 0183-2450034  
Email: campus.amritsar@jktu.ac.in

DL: 24-Aug-2021

Ref No. W2021/1808/545



**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY,  
JALANDHAR**

in Collaboration with

**Shiksha Sanskriti Utthan Nyas (SSUN), New Delhi**

Organizes

**FIVE DAY WEBINAR SERIES**

**"Implementation of National Education Policy (NEP) 2020"**

held on 18th - 24th August, 2021.

*Certificate of Participation*

awarded to

**VIPUL SHARMA, ASSISTANT PROFESSOR**

I.K. Gujral Punjab Technical University  
Amritsar Campus  
Near Cipet College, Polytechnic Road,  
Chaharta, Amritsar-Punjab-143105  
Ph. 0183-2450034  
E-mail: campus.amritsar@ptu.ac.in

**Prof. (Dr.) Vikas Chawla**  
Dean (Academics)  
IKGPTU

**Prof. (Dr.) Ajay Kumar Sharma**  
Vice Chancellor  
IKGPTU



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

(MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)

**Certificate**

**PRABHKIRAN KAUR**

*IKGPTU, Amritsar Campus, Punjab.*

participated in Two-days Workshop on

on

**Renewable Energy: Materials & Devices**  
from

**03/02/2022 to 04/02/2022**

conducted online by

**Department of Applied Science, NITTTR Chandigarh  
and IKG PTU, Amritsar Campus**

Coordinator

Head of the Department

Director



Ref: SLIET/ME/R&A/7



Date: 31/7/2021

संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

(समकक्ष विश्वविद्यालय; शिक्षा मंत्रालय, भारत सरकार के अधीन)

Sant Longowal Institute of Engineering & Technology  
Longowal, District Sagur - 148106 (Punjab), India  
(Deemed-to be-University under Ministry of Education, Govt. of India)

Short Term Course

on

## ROBOTICS AND AUTOMATION 2021

JULY 26-30, 2021

Certification of Participation

This is to certify that *prof./Dr./Mr./Ms.* Prabhkiran Kaur  
from IKGPTU AMRITSAR CAMPUS

has attended one week Short Term Course on "Robotics and Automation"  
Organized by Department of Mechanical Engineering, SLIET, Longowal during  
July 26-30, 2021.

(Dr. Sunil Kumar)

Coordinator



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

(MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)

**Certificate**

**VIPUL SHARMA**

*I.K. Gujral Punjab Technical University*

participated in Two-days Workshop on

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*I.K. Gujral Punjab Technical University*  
Amritsar Campus  
Near Cipeet College, Polytechnic Road,  
Chuharta, Amritsar-Punjab-143105  
Ph. 0183-2450034  
Email: campus.amritsar@ptu.ac.in

Annexure – 6.3.4 a

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years

(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.,) (8)

Dr. Neeru Singla	5 Day FDP on "Transportation Geotechnics and Materials for Sustainable Infrastructure (TGMSI-2021)" organized by Swami Keshvanand Institue of Technology, Management and Gramothan, Jaipur	13/12/2021 to 17/12/2021
Dr. Neeru Singla	AICTE-MRSPTU sponsored Six days FDP on "Waste Management and Environmental Protection for Sustainable Development" Organized by CED, Baba Farid College of Engineering and Technology, Bathinda (Punjab)	10/01/2022 to 15/01/2022
Ar. Jyoti Singh	Five day Capacity BuildinĀ ProĀram (CBP) on "Effective Online TeachinĀ, Assessment & Communication Skills" jointly orĀanized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center ĳor Asia (CEMCA)	31st May to 4th June 2021.
Ar. Jyoti Singh	one week (online) Faculty Development Program on "Product and Process Innovation: Concepts, Protection and Commercialization", organized by Chandigarh Engineering College, CGC Landran, Mohali and Design Innovation Center (DIC), Indian Institute of Technology Roorkee, Roorkee	June 21-25, 2021
Ar. Jyoti Singh	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Pedagogical Process in Architecture – An Orientation for Young Teaching Fraternity" 2021-07-12 to 2021-07-16 at School of Planning and Architecture Vijayawada (An institute of National Importance).	2021-07-12 to 2021-07-16
Ar. Jyoti Singh	AICTE sponsored one week online training program for teacher on "Smart Cities: Opportunities and Challenges, Deenbandhu Chhotu Ram University of Science and Technology	08th to 13th August, 2021
Ar. Jyoti Singh	Architecture Design Studio - Exploration and Experimation on Design Processby SAID & SRM TN	13-09-21 To 17-09-21



Director

I.K.G.P.T.U

Campus-II

Ar.Damandeep Kaur	one-week online FDP on "Research Publication Trends and Ethics in Art, Design & Architecture" organized by Chitkara University.	05-07-2021 to 09-07-2021
	one-week online Elementary FDP on "Pedagogical Process in Architecture-An Orientation for Young Teaching Fraternity" organized by SPA Vijaywada with ATAL Academy.	12-07-2021 to 16-07-2021
	4-week Faculty induction/orientation Programme organized by Teaching Learning Centre, Ramanujan College, and University of Delhi.	21-08-2021 to 19-09-2021
	one-week online Executive Development Programme on "Quantitative tools for Qualitative Research in planning & Design" organized by Manipal University Jaipur	06-12-2021 to 10-12-2021
	2-week Inter-Disciplinary Refresher Course on "Managing Online Classes & Co-relating MOOCS" organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education.	07-02-2022 to 21-02-2022



Director  
I.K.G.P.T.U  
Mohali Campus-II



5 - Day Faculty Development Program

on

**"Transportation Geotechnics and Materials for Sustainable Infrastructure (TGMSI - 2021)"**



Organised by

(Department of Civil Engineering & Centre for Transportation Engineering)

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

# Certificate

Ref No.: SKIT/CE/TGMSI-2021/ 100

This is to certify that Dr. M. M.

Neeru Singla

of

IKGPTU

has participated in 5 - Day FDP on **"Transportation Geotechnics and Materials for Sustainable Infrastructure (TGMSI - 2021)"** held from 13/12/2021 to 17/12/2021 at Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur.

*Edm*

Dr. D. K. Sharma  
HOD - CE & Coordinator  
(SKIT, Jaipur)

*Q. R. Sachdeva*

Mr. Nishant Sachdeva  
Coordinator  
(SKIT, Jaipur)

*Prachi*

Dr. Prachi Kushwaha  
Coordinator  
(SKIT, Jaipur)

*Ramesh Kumar Pachar*

Dr. Ramesh Kumar Pachar  
Principal  
(SKIT, Jaipur)

*I.K.G.P.T.U.*

Director

I.K.G.P.T.U.  
Mahali Campus-II



AICTE-MRSPTU SPONSORED SIX DAYS  
FACULTY DEVELOPMENT PROGRAMME

ON



Waste Management & Environmental Protection for Sustainable Development  
(10<sup>th</sup> January to 15<sup>th</sup> January 2022)

# CERTIFICATE OF PARTICIPATION

This is certified that Neeru Singla from I.K.G.P.T.U. Mohali Campus II has successfully attended AICTE-MRSPTU sponsored Six Days Online Faculty Development Programme on Waste Management & Environmental Protection for Sustainable Development from 10<sup>th</sup> January to 15<sup>th</sup> January 2022, organized by the Department of Civil Engineering, Baba Farid College of Engineering and Technology, Bathinda (Punjab).

*Pankaj Mittal*

(Er Pankaj Mittal)  
Programme Coordinator

**BABA FARID**  
**GROUP OF INSTITUTIONS**  
Bathinda, Punjab (India)

*Dr. Jayoti Kaursally*  
(Dr. Jayoti Kaursally)  
Principal

*I.K.G.P.T.U.*

Director

Mohali Campus-II



# CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

**Jyoti Singh**

**IKG Punjab technical university**

For successfully completing the Five day Capacity Building Program (CBP) on "Effective Online Teaching, Assessment & Communication Skills" jointly organized by Bhartiya Skill Development University (BSDU) Jaipur and the Commonwealth Education Media Center for Asia (CEMCA) conducted from 31<sup>st</sup> May to 4<sup>th</sup> June 2021.

  
\_\_\_\_\_

**Dr. Rajdeep Deb**  
Head SES, BSDU Jaipur

  
\_\_\_\_\_

**Mr. Saurabh Mishra**  
Programme Officer, CEMCA

  
**Director**  
**I.K.G.P.T.U**  
**Mohali Campus-II**



नवोन्मेष

DESIGN INNOVATION CENTER

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

(A center under the Scheme "NID" of MOE, Government of India)



Ministry of Education  
Government of India

Faculty Development Program on

'Product and Process Innovation: Concepts, Protection and Commercialization'

June 21-25, 2021

*Certificate of Participation*

This is to certify that Dr./Mr./Ms. *Jyoti Singh* a faculty of *IKG Punjab Technical University, Jalandhar* has participated in one week (online) Faculty Development Program on "Product and Process Innovation: Concepts, Protection and Commercialization", organized by Chandigarh Engineering College, CGC Landran, Mohali and Design Innovation Center (DIC), Indian Institute of Technology Roorkee, Roorkee -247667.



Scan to Verify

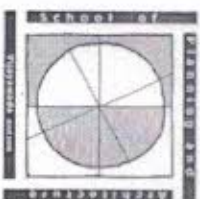
**Prof. Inderdeep Singh**

Coordinator, Design Innovation Center  
Indian Institute of Technology Roorkee

\*This certificate is issued digitally and no signature is required\*

  
**Director**  
**I.K.G.P.T.U**  
**Mohali Campus-II**





No:ATAL/2021/1622451738

## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATL) Academy**

### Certificate

This is certified that Jyoti Singh, Assistant Professor of IKG PTU participated & completed successfully AICTE Training And Learning (ATL) Academy Online Elementary FDP on "Pedagogical Process in Architecture – An Orientation for Young Teaching Fraternity" from 2021-07-12 to 2021-07-16 at School of Planning and Architecture Vijayawada (An Institute of National Importance).

**Director**  
**I.K.G.P.T.U**  
**Mohali Campus-II**

Adviser-I, ATAL Academy



Coordinator



ACITE - DCRUST MURTHAL  
ONLINE TRAINING PROGRAM FOR TEACHERS  
ON



SMART CITIES: OPPORTUNITIES AND CHALLENGES  
AUGUST 08, 2021 TO AUGUST 13, 2021

Participation Certificate

This is to certify that

Ar. Jyoti Singh, Assistant Professor, Department of Architecture, IKG Punjab Technical University, Punjab has participated in AICTE sponsored one week online training program for teacher on "Smart Cities: Opportunities and Challenges" held from 08<sup>th</sup> to 13<sup>th</sup> August, 2021.

Organized by  
DEPARTMENT OF ARCHITECTURE

Deenbandhu Chhotu Ram University of Science and Technology

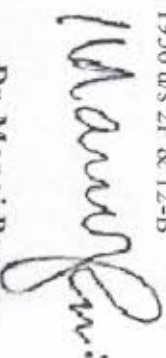
Murthal (Sonapat):131039 (Haryana) India (A Haryana State Government University, Accredited 'A' Grade by NAAC)  
Established by the Legislature of the State of Haryana Act No. 29 of 2006 & Recognized by UGC Act 1956 w/s 2F & 12-B



Prof. (Dr) Chitrarekha Kabre  
University Coordinator  
Director, IQAC



Prof. (Dr) Parveen Kumar  
Chairperson,  
Department of Architecture



Dr. Manoj Panwar  
Programme Coordinator  
Department of Architecture



I.K.G.P.T.U.  
Mohali Campus-II



# Certificate of Participation

*This certificate is proudly presented to*

## Ar. Jyoti Singh

Actively participated in the 5 days Virtual Faculty Development Program on  
"Architectural Design Studio - Exploration and Experimentation in  
Design Process"

from 13.09.2021 - 17.09.2021 by Department of Architecture,  
School of Architecture and Interior Design, SRMIST, Kattankulathur, TN

**Director**  
I.K.A.P.T.U  
Maharaja Campus-II

A handwritten signature in black ink, appearing to read 'Pradeepa', written over a horizontal line.

Dr. C. Pradeepa  
CONVENOR



A handwritten signature in black ink, appearing to read 'Sathesh', written over a horizontal line.

Dr. P. Sathesh Kumar  
CHAIRPERSON

DR. ARCHANA MANTRI  
Vice Chancellor  
Chitkara University, Punjab

PROF. (DR.) AMBUJ KUMAR  
Director - Chitkara School of Planning & Architecture  
Chitkara University, Punjab

DR. AMIT MITTAL  
Dean - Doctoral Research Centre  
Chitkara Business School  
Chitkara University, Punjab

PROF. (DR.) RANJAN KUMAR MALLI  
Dean - Chitkara Design School  
Chitkara University, Punjab

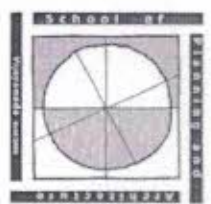
Director  
I.K.G.P.T.U  
Mohali Campus-II

# CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Mr./ Ms. Damandeep Kaur has participated in 5 days Faculty Development Program, 'Research Trends and Ethics in Art, Design & Architecture', organised by

Chitkara School of Planning and Architecture & Chitkara Design School, Chitkara University, Punjab in collaboration with the Institution's Innovation Council, India from 05 July to 09 July, 2021.





No: ATAL/2021/1625897879

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

**AICTE Training And Learning (ATAT) Academy**

*Certificate*

This is certified that Damandeep Khattran, Assistant Professor of IKG PTU Mohali Campus-II participated & completed successfully AICTE Training And Learning (ATAT) Academy Online Elementary FDP on "Pedagogical Process in Architecture – An Orientation for Young Teaching Fraternity" from 2021-07-12 to 2021-07-16 at School of Planning and Architecture Vijayawada (An Institute of National Importance).

Adviser-I, ATAT Academy



**I.K.G.PTU**  
**Mohali Campus-II**

Coordinator



## Teaching Learning Centre, Ramanujan College

### University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Ms. Damandeep Kaur, Assistant Professor(Architecture)  
of

I.K. Gujral Punjab Technical University Mohali Campus-II, Mohali, Punjab  
successfully completed a 4-Week Induction/Orientation Programme for

**“Faculty in Universities/Colleges/Institutes of Higher Education”**

from 21 August – 19 September, 2021 and obtained

Grade A+.



Blockchain Hash: [0x30ca229b0ad23d3317a40d6d0b15967327a6b1fafe72ff33dfca3c7d1c199904](https://www.blockchain.com/tx/0x30ca229b0ad23d3317a40d6d0b15967327a6b1fafe72ff33dfca3c7d1c199904)

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

Director  
I.K.G.P.T.U.  
Mohali Campus-II

Dr. Nikhil Kr. Rajput  
(Programme Director)  
Ramanujan College



MANIPAL UNIVERSITY  
JAIPUR

MUJ

# Certificate of Participation

This is to certify that

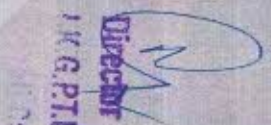
Damandeep Kaur from

IKG PTU Mohali Campus II, Punjab

has successfully completed the  
**Executive Development Programme**

On

“Quantitative Tools for Qualitative Research in  
Planning & Design”  
06th – 10th December 2021

  
Director  
IKG.PTU  
Campus-II

Prof. (Dr.) Sampath Kumar  
Director, School of Planning & Design

  
Prof. (Dr.) Madhura Yadav  
Dean, Faculty of Design



Teaching Learning Centre, Ramanujan College  
 University of Delhi  
 under the aegis of  
 MINISTRY OF EDUCATION  
 PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Ms. Damandeep Kaur, Assistant Professor(Architecture)

of

I.K. Gujral Punjab Technical University Mohali Campus-II, Mohali, Punjab  
 successfully completed a 4-Week Induction/Orientation Programme for

“Faculty in Universities/Colleges/Institutes of Higher Education”

from 21 August – 19 September, 2021 and obtained

Grade A+.



Blockchain Hash: 0x30ca22900ad23d3317a40d0db15967327a6b1afec2ff33afca3c7d1c199904

*Handwritten signature*

Prof. S. P. Aggarwal  
 (Principal & Director)  
 TLC, Ramanujan College

*Handwritten signature*

Dr. Nikhil Kr. Rajput  
 (Programme Director)  
 Ramanujan College

**Director**  
**I.K.G.R.T.U.**  
**Mohali Campus-II**



No.: BPCET/CE/017



AICTE-MRSPTU SPONSORED SIX DAYS  
FACULTY DEVELOPMENT PROGRAMME

on

Waste Management & Environmental Protection for Sustainable Development  
(10<sup>th</sup> January to 15<sup>th</sup> January 2022)

# CERTIFICATE OF PARTICIPATION

This is certified that Neeru Singla from IKGPTU Mohali Campus II has successfully attended AICTE-MRSPTU sponsored  
Six Days: Online Faculty Development Programme on Waste Management & Environmental Protection for Sustainable  
Development from 10<sup>th</sup> January to 15<sup>th</sup> January 2022, organized by the Department of Civil Engineering, Bhabha Farid College  
of Engineering and Technology, Bathinda (Punjab).

*Neeru Singla*

(Dr. Parkash Mittal)  
Programme Coordinator



Bathinda, Punjab (India)

*(Signature)*

Director  
IKG.P.T.U  
Mohali Campus-II



# CERTIFICATE OF PARTICIPATION

This Certificate is Awarded to

**Jyoti Singh**

**IKG Punjab technical university**

For successfully completing the Five day Capacity Building Program (CBP) on "Effective Online Teaching Assessment & Communication Skills" jointly organized by Bhartiya Skill Development University (BSDU) Jaipur the Commonwealth Education Media Center for Asia (CEMCA) conducted from 31<sup>st</sup> May to 4<sup>th</sup> June 2021.

Dr. Rajdeep Deb  
Head SES, BSDU Jaipur

Mr. Saurabh Mishra  
Programme Officer, CEMCA

Director

IKG.PUNJAB

Manoj Sanyal

Certificate ID: CBP-2021



नवोन्मेष

DESIGN INNOVATION CENTER

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

(A center under the Scheme "NIDI" of MOE, Government of India)



सत्यमेव जयते

Ministry of Education  
Government of India

Faculty Development Program on

'Product and Process Innovation: Concepts, Protection and Commercialization',  
June 21-25, 2021

*Certificate of Participation*

This is to certify that Dr./Mr./Ms. Jyoti Singh a faculty of IKG Punjab Technical University, Jalandhar has participated in one week (online) Faculty Development Program on "Product and Process Innovation: Concepts, Protection and Commercialization", organized by Chandigarh Engineering College, CGC Landran, Mohali and Design Innovation Center (DIC), Indian Institute of Technology Roorkee, Roorkee -247667.



Scan to Verify

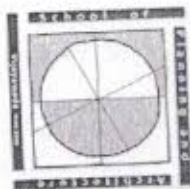
Prof. Inderdeep Singh

Coordinator, Design Innovation Center  
Indian Institute of Technology Roorkee

L.K.G.P.T.U.

Mohali Campus-II

\*This certificate is issued digitally and no signature is required\*



No:AT/AL/2021/1/622451738

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training And Learning (ATL) Academy

Certificate

This is certified that Jyoti Singh, Assistant Professor of IKG-PTU participated & completed successfully AICTE Training And Learning (ATL) Academy Online Elementary FDP on "Pedagogical Process in Architecture An Orientation for Young Teaching Fraternity" from 2021-07-12 to 2021-07-16 at School of Planning and Architecture Vjayawada (An institute of National Importance).

Director Coordinator

Adviser-I, ATL Academy



Mohali Campus-2



AICTE - DCRUST MURTHAL  
ONLINE TRAINING PROGRAM FOR TEACHERS  
ON



**SMART CITIES: OPPORTUNITIES AND CHALLENGES**  
AUGUST 08, 2021 TO AUGUST 13, 2021

**Participation Certificate**

This is to certify that

**Ar. Jyoti Singh**, Assistant Professor, Department of Architecture, IKG Punjab Technical University, Punjab 1 participated in AICTE sponsored one week online training program for teacher on "Smart Cities: Opportunities

Challenges" held from 08<sup>th</sup> to 13<sup>th</sup> August, 2021.

Organized by  
DEPARTMENT OF ARCHITECTURE

**Deenbandhu Chhotu Ram University of Science and Technology**

Murthal (Sonapat)-131039 (Haryana) India *1A Haryana State Government University, Accredited 'A' Grade by NAAC*  
Established by the Legislature of the State of Haryana Act No. 29 of 2006 & Recognized by UGC Act 1956 w/s 2F & 12-B

*Chitrarekha Kabre*

*Parveen Kumar*

*Manoj Panwar*

*Manoj Panwar*

**Prof. (Dr) Chitrarekha Kabre**  
University Coordinator  
Director, IQAC

**Prof. (Dr) Parveen Kumar**  
Chairperson,  
Department of Architecture

**Dr. Manoj Panwar**  
Programme Coordinator,  
Department of Architecture  
Mahali Campus-A  
I.K.G.P.T.U.



# Certificate of Participation

*This certificate is proudly presented to*

## Ar. Jyoti Singh

Actively participated in the 5 days Virtual Faculty Development Program on  
"Architectural Design Studio - Exploration and Experimentation in  
Design Process"

from 13.09.2021 - 17.09.2021 by Department of Architecture,  
School of Architecture and Interior Design, SRMIST, Kattankulathur, TN

Dr. C. Pradeepa

CONVENOR

Dr. P. Sathesh Kumar

CHAIRPERSON

Director

I.K.G.P.T.U

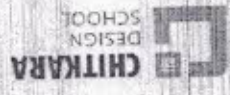
Mohali Campus



CHITKARA UNIVERSITY



CHITKARA SCHOOL OF PLANNING AND ARCHITECTURE



CHITKARA DESIGN SCHOOL



INSTITUTION'S INNOVATION COUNCIL

# CERTIFICATE OF PARTICIPATION

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

has participated in 5 days Faculty Development Program from IKG PTU MC-II

'Research Trends and Ethics in Art, Design & Architecture'

organised by

Chittkara School of Planning and Architecture & Chittkara Design School, Chittkara University, Punjab

in collaboration with the Institution's Innovation Council, India from 05 July to 09 July, 2021.

DR. ARCHANA MANTRI

Vice Chancellor  
Chittkara University, Punjab

PROF. (DR.) AMBUJ KUMAR

Director- Chittkara School of Planning & Architecture  
Chittkara University, Punjab

DR. AMIT MITTAL

Dean- Doctoral Research Centre  
Chittkara Business School  
Chittkara University, Punjab

PROF. (DR.) RANJAN KUMAR MALIK

Dean- Chittkara Design School  
Chittkara University, Punjab



No:ATAL/2021/1625897879



# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070

## AICTE Training And Learning (ATAL) Academy

### Certificate

This is certified that Damandeep Khattran, Assistant Professor of IKG PTL Mohali Campus-II participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Eminent:ry FDP on "Pedagogical Process in Architecture – An Orientation for Young Teaching Fraternity" from 2021-07-12 to 2021-07-16 at School of Planning and Architecture Vijayawada (An Institute of National Importance).



Adviser-I, ATAL Academy

Director  
IKG PTL  
Coordinator  
Mohali Campus-II





# Teaching Learning Centre, Ramanujan College University of Delhi

under the aegis of  
MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Ms. Damandeep Kaur, Assistant Professor(Architecture)

of

I.K. Gujral Punjab Technical University Mohali Campus-II, Mohali, Punjab  
successfully completed a 4-Week Induction/Orientation Programme for

**“Faculty in Universities/Colleges/Institutes of Higher Education”**

from 21 August – 19 September, 2021 and obtained

Grade A+.



Blockchain Hash: dx30ra29b0sd23d337a40add0b159c7327a6b1fa1ee72ff33dfe3e7d1c199904

*S. P. Aggarwal*

Prof. S. P. Aggarwal  
(Principal & Director)  
TLC, Ramanujan College

*N. K. Rajput*

Dr. Nikhil Kr. Rajput  
(Programme Director)  
Ramanujan College

*[Signature]*

**I.K.G.P.T.U.**  
Mohali Campus-II



MANIPAL UNIVERSITY  
JAIPUR

# Certificate of Participation

This is to certify that

Damandeep Kaur from  
IKG PTU Mohali Campus II, Punjab

has successfully completed the  
**Executive Development Programme**

On

“Quantitative Tools for Qualitative Research in  
Planning & Design”

06<sup>th</sup> - 17<sup>th</sup> December 2021

Prof. (Dr.) Sampath Kumar  
Director, School of Planning & Design



Prof. (Dr.) Anadhura Yadav  
I.K.G. P.T.U. Mohali Campus-II  
Faculty of Design

MUJ