

#### 6.3.4

#### Teachers undergoing online / face to face Faculty Development Programmes



UNIVERSITY GRANTS COMMISSION  
HUMAN RESOURCE DEVELOPMENT CENTRE  
GURUNANAK DEV UNIVERSITY, AMRITSAR



UGC-SPONSORED REFRESHER COURSE

This is to certify that Dr./Mr./Ms. Shashi Batil

Designation Assistant Professor of Deptt. of Mechanical Engg., IKG PTV

Bhikhiwind Campus, Bhikhiwind, Jarn Talan, Punjab

affiliated to IKG Punjab Technical University, Kapurthala Punjab

participated in the Refresher Course in Research & Teaching Methodology (RD)

from 20/06/2017 to 10/07/2017 and obtained Grade A

Amritsar

Dated 10/07/2017

Director

Coordinator

Registrar/Vice-Chancellor

Sr. No. .... 31 .....

# UGC-Human Resource Development Centre (HRDC) Panjab University, Chandigarh



## UGC-SPONSORED ORIENTATION PROGRAMME CERTIFICATE OF PARTICIPATION

This is to certify that.....Shashi Bahl..... Assistant Prof. (Mechanical Engineering).....  
from.....I.K. Gujral Punjab Technical University..... affiliated to.....I.K. Gujral Punjab Technical University, Jalandhar.....  
participated in the 121<sup>st</sup> Orientation Programme from 11-12-2018 to 07-01-2019 organised by the UGC-Human Resource  
Development Centre, Panjab University, Chandigarh and obtained grade.....A.....

.....[Signature].....  
COURSE COORDINATOR

.....[Signature].....  
HONORARY DIRECTOR

.....[Signature].....  
DEPUTY DIRECTOR  
VICE-CHANCELLOR  
IKGPTU CAMPUS JALANDHAR





36  
Certificate No: ICT-22161/20

# 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**

**Operational Research - An Introduction**

**from**

**20-04-20 to 24-04-20 (One Week)**

*Organized by*

**Applied Science Department**

**NITTTR, Chandigarh**



*[Signature]*  
**Coordinator**

*[Signature]*  
**DEPUTY DIRECTOR**  
**IKGPTU CAMPUS HOSHIARPUR**

*[Signature]*  
**Director**



Certificate No: ICT-3914/20

# 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*

**Nanomaterials and Devices**

*from*

**27-04-20 to 01-05-20 (One Week)**

*Organized by*

**Applied Science Department**

**NITTTR, Chandigarh**



*Handwritten signature of the Coordinator*  
**DEPUTY DIRECTOR**  
**Coordinator**  
**IKGPTU CAMPUS HOSHIARPUR**

*Handwritten signature of the Director*  
**Director**

# 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*

**Quantum and Energy Materials: Potential & Applications**

*from*

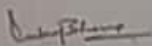
**04-05-20 to 08-05-20 (One Week)**



*Organized by*

**Applied Science Department**

**NITTTR, Chandigarh**



  
**Coordinator**

  
**DEPUTY DIRECTOR**  
**IKGPTU CAMPUS HOSHIARPUR**  
  
**Director**

# 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**

**NBA Accreditation of Engineering Programs**

**from**

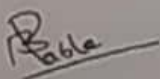
**11-05-20 to 15-05-20 (One Week)**



*Organized by*

**Mechanical Engineering Department**

**NITTTR, Chandigarh**



  
**Coordinator**

  
**DEPUTY DIRECTOR**  
  
**Director**  
**IKGPTU CAMPUS HOSHIARPUR**

# 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**

**Life Skills Development**

**from**

**18/05/2020 to 22/05/2020 (One Week)**

*Organized by*

**Education and Educational Management Department**

**NITTTR, Chandigarh**



*Rame*  
**Coordinator**

*[Signature]*  
**DEPUTY DIRECTOR**  
**IKGPTU CAMPUS HOSHIARPUR**  
*[Signature]*  
**Director**



# 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**

**Refresher course on Application of Nanoscience in Modern Day Research  
and Technology**

**from**

**05/06/2020 to 18/06/2020 (Two Weeks)**

*Organized by*

**Applied Science Department**

**NITTTR, Chandigarh**



**Coordinator**

**DEPUTY DIRECTOR**

**ICGTH CAMPUS HOSHIARPUR**

**Director**

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH  
CHANDIGARH



**CERTIFICATE OF COMPLETION**

ICT- 31701/20

This is to certify that Mr./Ms./Dr..... DR. SHASHI BAHL

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

has attended online interdisciplinary Four Weeks Faculty Development Programme titled "Industrial Training Programme on Energy Storage, Harvesting, Materials Characterization Techniques and Applications" Organized by National Institute of Technical Teachers Training and Research Chandigarh during 6<sup>th</sup> to 31<sup>st</sup> July 2020. Academic, R & D and Industrial lectures/ demonstrations were conducted by the experts from, NITTTR Chandigarh, IIT Mandi, IIT Ropar, IIT Patna, IIT Roorkee, NIT Kurukshetra, Institute of Chemical Technology-Indian Oil Odisha Campus, Bhubaneswar, DRDO, Defence Laboratory, Jodhpur, DRDO-TBRL, Chandigarh, Indi Energy Storage, Biologic Science Instruments Pvt. Ltd., Metrohm India Ltd., E-Spin Nanotech Pvt. Ltd., Impulse Technology, New Delhi, Quazar Tech., New Delhi, RI Instruments & Innovation India, RI Nanotech India, RINZTECH NZ LTD, New Zealand, and Adani Systems, Belarus.

(Patron)  
Prof. (Dr.) S. S. Pattnaik  
Director, NITTTR Chandigarh

(Coordinator)  
Prof. (Dr.) Pankaj Sharma  
Professor & Head, App. Sci, NITTTR  
Chandigarh

(Coordinator)  
Dr. Ashok Kumar  
Professor, App. Sci, NITTTR  
Chandigarh

# 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*

**Refresher Course in Mechanical Engineering**

**from**

**10/08/2020 to 21/08/2020 (Two Weeks)**

*Organized by*

**Mechanical Engineering Department**

**NITTTR, Chandigarh**

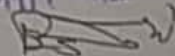


**Coordinator**



**DEPUTY DIRECTOR**

**IKGPTU CAMPUS HOSHIARPUR**



**Director**

**DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR**  
**Institute Instrumentation Centre**



**TEQIP-3**  
Technical Education Quality Improvement Programme

**Online Short term course**

**on**

**“Material Characterization Techniques”**  
**(24 to 28 August, 2020)**

Participant ID- NITJ/IIC/0820/MCT363

**Certificate of Participation**

This is to certify that *Dr/Mr/Ms. Shashi Bahl* has completed the *TEQIP-III* Sponsored online short term course on **“Material Characterization Techniques”** held from **August 24-28, 2020** and organized by the *Institute Instrumentation Center, Dr B R Ambedkar National Institute of Technology, Jalandhar.*

  
**DEPUTY DIRECTOR**

IKGPTU CAMPUS ERODIA PUR

**Patron**

**(Prof. L. K. Awasthi)**




**Convener**

**(Dr. Raman Bedi)**

**Coordinator**

**(Dr. Kiran Singh)**



**Coordinator**

**(Dr. Sumit Sharma)**

# Dr B R Ambedkar National Institute of Technology, Jalandhar

Punjab, India- 144011

Department of Mechanical Engineering

One Week Online Short Term Course

on

“Future Scope in Engineering Materials and Tribology”

(FSEMT-2020, September 15-19, 2020)

Participant ID

NITJ/ME/0920/FSEMTIII

## Certificate of Participation

This is to certify that *Dr/Mr/Ms. Shashi Bahl* has completed the *TEQIP-III* sponsored one week online short term course on “*Future Scope in Engineering Materials and Tribology*” held from *September 15-19, 2020*, organized by the *Department of Mechanical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar*.



TEQIP III

*Dr*

*Saurabh Kango*  
DIRECTOR  
NIT JALANDHAR

(Dr. Saurabh Kango)

Coordinator

*Dr. D. K. Shukla*  
DIRECTOR  
NIT JALANDHAR

(Dr. D. K. Shukla)

Chief-Convener

*Sumit Sharma*

(Dr. Sumit Sharma)

Convener

*Nitin Sharma*

(Dr. Nitin Sharma)

Coordinator

# BEANT COLLEGE OF ENGINEERING & TECHNOLOGY, GURDASPUR

Department of Chemical Engineering & Biotechnology

AICTE sponsored

One-week Short Term Training Programme-II (Online)

on

Energy (Non-Conventional Sources of Energy)

26.04.2021 - 1.05.2021

## CERTIFICATE

Awarded to

**Dr. Shashi Bahl**

Assistant Professor, I.K. Gujral Punjab Technical University Hoshiarpur Campus  
for attending the One Week Online STTP-II Programme on

Energy (Non-Conventional Sources of Energy)

held on 26th April - 1st May, 2021

Organized by

Department of Chemical Engineering,



**Dr. Vipran K Sohpal**

Course Coordinator & HOD

DEPUTY DIRECTOR

  
Dr. Bilbag Singh  
Director



# Certificate of Participation

**Shashi Bahl**

has completed One Week

Short Term Training Programme through ICT Mode on

## **Introduction to Manufacturing Systems**

organised by this Institute

from 31st May to 4th June, 2021 successfully.

*Nirmal*

*Sukanta K. Naskar*

*Debi*

Shri Nirmal Kumar Mandal

Dr. Sukanta Kumar Naskar

Prof. Debi Prasad Mishra

Programme Coordinator(s)

FIC, Training Cell, Academic Affairs

Director



NATIONAL INSTITUTE OF  
TECHNICAL TEACHERS'  
TRAINING AND RESEARCH  
(NITTTR) KOLKATA

(Established by the  
Ministry of Education  
Government of India)

*Devi*

DEPUTY DIRECTOR

IKGPTU CAMPUS KODSHIARPUR

# Certificate of Participation

**Shashi Bahl**

has completed One Week

Short Term Training Programme through ICT Mode on  
**Renewable Energy Sources and Emerging Technologies**

organised by this Institute

from 7th June to 11th June, 2021 successfully.

*Sheela*

Smt. Sheela Yadav Rai

Programme Coordinator(s)

*Sukanta K. Naskar*

Dr. Sukanta Kumar Naskar

FIC, Training Cell, Academic Affairs

*Debi*

Prof. Debi Prasad Mishra

Director



NATIONAL INSTITUTE OF  
TECHNICAL TEACHERS'  
TRAINING AND RESEARCH  
(NITTTR) KOLKATA

(Established by the  
Ministry of Education  
Government of India)

DEPUTY DIRECTOR

IKGPTU CAMPUS KOLKATA

# Certificate of Participation

**Shashi Bahl**

has completed Two Weeks

Short Term Training Programme through ICT Mode on

**Design and Development of content for e-Learning**

organised by this Institute

from 14th June to 25th June, 2021 successfully.

*Sukanta K. Naskar*

*Debi Prasad Mishra*

Shri R. Chatterjee Dr. R. Dasgupta Dr. Sukanta Kumar Naskar

Prof. Debi Prasad Mishra

Programme Coordinator(s) FIC, Training Cell, Academic Affairs

Director



NATIONAL INSTITUTE OF  
TECHNICAL TEACHERS'  
TRAINING AND RESEARCH  
(NITTTR) KOLKATA

(Established by the  
Ministry of Education  
Government of India)

DEPUTY DIRECTOR

IKGPTU CAMPUS KOLKATA



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

**MINISTRY OF EDUCATION, GOVERNMENT OF INDIA**

**Certificate**

**DR. SHASHI BAHL  
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY HOSHIARPUR CAMPUS,  
HOSHIARPUR  
PUNJAB**

*Participated in the AICTE sponsored QIP Short Term Course*

*on*

***4D Printing on Smart Manufacturing***

*from*

***28/06/2021 to 03/07/2021 (One Week)***

*Conducted online by*

**Mechanical Engineering Department**

Co-ordinator

Head of the  
Department

**IKGPTU CAMPUS HOSHIARPUR**

Director

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



आई.टी. 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

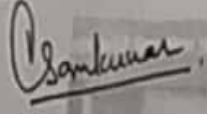
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, HOSHIARPUR CAMPUS

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

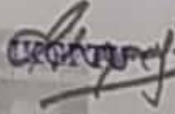
प्रशिक्षण विषय : AUTOMATION IN MANUFACTURING INDUSTRIES  
Programme Title :

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

स्थान/Venue : Online

  
समन्वयक  
Co-ordinator

DEPUTY DIRECTOR

  
निदेशक  
Director

दिनांक/Date : 03-09-2021



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



Ref. HRDC/PUP/ 2482

Sr. No. 3338

UGC-SPONSORED ORIENTATION PROGRAMME

This is to certify that Dr. Amit Handa,

Assistant Professor in Mechanical Engineering, IK Gujral Punjab Technical University Campus, Hoshiarpur, Punjab.

affiliated to IK Gujral Punjab Technical University, Kapurthala

Participated in the 33<sup>rd</sup> Orientation Programme

from 25-05-2017 to 21-06-2017 and obtained Grade 'A'

*Balwinder*  
Director

*21*  
Registrar

Patiala: 21-06-2017

*DN*  
DEPUTY DIRECTOR

*21-06-2017*  
HUMAN RESOURCE DEVELOPMENT CENTRE



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



Ref. HRDC/PUP/ 2991

Sr. No. 30-18

UGC-SPONSORED REFRESHER COURSE

This is to certify that Dr. Amit Handa

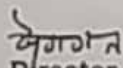
Assistant Professor in Mechanical Engineering, I. K. Gujral Punjab Technical University Campus Hoshiarpur, Punjab

affiliated to I. K. Gujral Punjab Technical University, Kapurthala

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


from 01-12-2018 to 21-12-2018 and obtained Grade 'A'

  
Co-ordinator

  
Director

  
Vice-Chancellor

Patiala: 21-12-2018

  
DEPUTY DIRECTOR  
IKGPTU CAMPUS HOSHIARPUR



Serial No. 2645/16

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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**RINKU WALIA**

*Baddi University, Baddi (HP)*

*Participated in AICTE recognized Short Term Course*

*on*

**DEVELOPMENT OF CHANDIGARH AS A SMART CITY**  
*Conducted by Center for Clean Technologies & Sustainable  
Development*

*from*

**04.01.2016 to 15.01.2016**

*at*

**NITTTR, CHANDIGARH**



*[Signature]*  
Coordinator

*[Signature]*  
Head of Department

*[Signature]*  
Director

*[Signature]*

DEPUTY DIRECTOR  
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IRGITU CAMPUS, E-20, PHASE-IV, GURGAON



ICT - 12111/16

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

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

**Certificate**

*This is to certify that*

**Dr. RINKU WALIA**

BADDI UNIVERSITY OF EMERGING SCIENCES AND TECHNOLOGIES,  
BADDI (HP)

*Participated in AICTE recognized Short Term Course*

*on*

**Green and Energy Efficient Buildings  
through ICT**

*conducted by*

**Civil Engineering Department**

*from*

**29.02.2016 to 04.03.2016 (One Week)**

*at*

**Baddi University of Emerging Sciences and  
Technologies, Baddi (HP)**



*[Signature]*  
Coordinator

Director

*[Signature]*  
DEPUTY DIRECTOR

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IKGPTU CAMPUS HOSHIABAD



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



Ref. HRDC/PUP/ 20155

Sr. No. 4012

**UGC-SPONSORED ORIENTATION PROGRAMME**

This is to certify that Dr. Rinku Walia

Assistant Professor in Civil Engineering, IKGPTU Hoshiarpur, Punjab

affiliated to IKGPTU Kapurthala

Participated in the : 38<sup>th</sup> Orientation Programme

From 01-01-2019 to 29-01-2019 and obtained Grade 'A'

  
Director

  
Vice-Chancellor

Patiala : 29-01-2019



**DEPUTY DIRECTOR**

**IKGPTU CAMPUS HOSHIARPUR**



## SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**RINKU WALIA**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Sustainable Construction Materials & Techniques**

*with a "B" Grade in the proctored examination held on 16.02.2020*

**NITTTR Chennai**

Authorized Signatory of Institution (Course Coordinator)

NITTTR Chennai

Authorized Signatory of AICTE

Date of Issue : 30.09/2020

www.Swayam.gov.in

DEPUTY DIRECTOR  
IKGPTU CAMPUS  
IKGPTU CAMPUS



AICTE Approved Highest Technical Institute Established By Government of Punjab in 1948  
**GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY**  
**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**  
 State University established by Govt of Punjab vide Act 5/2015, s. 3 & 2 f. & approved as a UGC Act, 1956 Member AII  
 Dabwali Road, Bathinda-151001, Punjab (India)



## CERTIFICATE OF PARTICIPATION

**Dr RINKU WALIA**

**Inder Kumar Gujral Punjab Technical University, Hoshiarpur Campus**

has successfully completed

**"EMERGING TRENDS IN ENGINEERING & TECHNOLOGY" (ETET-2020)**

5-Day online University approved Faculty Development Programme during 6th-10th July 2020


ORGANISED BY DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG  
 IN COLLABORATION WITH DEPARTMENT OF TEXTILE ENGG AT GZSCET, MRSPTU, BATHINDA

  
 DR. RK BANSAL  
 COORDINATORS

  
 DR. ANUPAM K  
 COORDINATORS



  
 DR. NEERAJ GILL  
 CONVENOR

  
 DR. SAVINA BANSAL  
 CAMPUS DIRECTOR

Giani Zail Singh Campus CEET celebrating its 30th years in Technical Education



DEPUTY DIRECTOR  
 IKGPTU CAMPUS HOSHIARPUR



**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 Rinku Walia, Assistant Professor of IKGPTU Hoshiarpur campus participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Environmental Geotechnology" from 2020-9-14 to 2020-9-18 at Shaheed Bhagat Singh State Technical campus, Ferozepur.

Director ATAL Academies



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

**SUNIL KUMAR MAHLA, ASSISTANT PROFESSOR**

IKG PTU CAMPUS HOSHIARPUR

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

**DEPUTY DIRECTOR**  
**Prof. (Dr.) Ajay Kumar Sharma**  
Vice-Chancellor  
IKGPTU CAMPUS HOSHIARPUR

Reference No. HRDC/OP: 12

Date 02/03/2020



University Grants Commission  
Human Resource Development Centre (HRDC)



GURU NANAK DEV UNIVERSITY, AMRITSAR

UGC-Sponsored Orientation Programme

This is to certify that Dr./Mr./Ms. Dr. Brijesh Bakariya  
Designation Assistant Professor at Deptt. of Computer Science & Engineering  
affiliated to IKG Punjab Technical University, Kapurthala  
participated in the Orientation Programme-109 conducted from 11-02-2020 to 02-03-2020 and obtained  
grade A

Prof. (Dr.) Adarsh Pal Vig  
Director & Programme Coordinator

Dr. Mohan Kumar  
Dy. Director & Programme Coordinator

Prof. (Dr.) Jaspal Singh Sandhu  
Vice Chancellor

DEPUTY DIRECTOR  
IKGPTU CAMPUS, MOGHAL PURA

Digital Certificate No. DS37

TEQIP-III Sponsored Five Days Workshop cum  
Faculty Development Program

on

## DATA SCIENCES

May 04-08, 2020



Jointly organized by  
KNIT Sultanpur & MNNIT Allahabad, Prayagraj.



### Certificate


presented to

*Brijesh Bahartya*

in recognition of successful participation in the program.



This is a non-transferable document. No alteration is allowed.

  
DEPUTY DIREC. OR  
IKGPTU CAMPUS KOSHIAPO.

# CERTIFICATE OF PARTICIPATION

National Level 5 days Faculty Development Program

Dr. Brijesh Bakariya

of I.K. Gujral Punjab Technical University


has actively participated in the national level 5 days virtual Faculty Development programme on "R Programming" from May 25<sup>th</sup> to 29<sup>th</sup>, 2020 organized by School of IT IMS Noida in association with spoken tutorial, IIT Bombay- Pandit Madan Mohan Malviya Mission on Teachers and Teaching (PMMMNMIT).

Ms. Priti Rani Rajvanshi  
AP-IT& PC- BCA(IMS NOIDA)  
Convener & SPOC IITB

Dr. Manju Gupta  
Professor & Dean Academics(IMS Noida)  
Chief Convener

Renu Singh  
Training Manager- UP  
Spoken Tutorial, IIT Bombay

\*This is a computer generated document. No signature is required. Certificate Issue Date: 29<sup>th</sup> of May 2020

  
DEPUTY DIRECTOR  
IKGPTU CAMPUS HOSHIAARPUR

Ref No. SOMME-FDP-035




Faculty Development Program  
on  
"Enhancing Research Capabilities"  
1<sup>st</sup> to 5<sup>th</sup> June, 2020





**Certificate of Participation**

It is certified that **Dr. Brijesh Bakariya**, Assistant Professor, Computer Science and Engineering, I.K.Gujral Punjab Technical University, IKGPTU Campus, Hoshiarpur, Punjab 146001 has successfully attended AICTE & ISTE approved One Week Faculty Development Program on "Enhancing Research Capabilities" from 1<sup>st</sup> to 5<sup>th</sup> June, 2020, organized by Society of Materials and Mechanical Engineers (SOMME).

Place: BATHINDA  
Date: 06-06-2020

  
Er. Yadwinder Pal Sharma  
(Organising Secretary)

  
Dr. Hazoor Singh Sidhu  
(Convener & General Secretary SOMME)

  
DIRECTOR  
IKGPTU CAMPUS HOSHIARPUR.



One-week Faculty Development Programme on  
"Deep Learning and its Applications"

Ref. No: EICT/NITP/91/CSE/33-2020

17<sup>th</sup> - 22<sup>th</sup> June, 2020

Organized by Electronics & ICT Academies, NIT Patna



(Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India)

*Certificate of Participation*

This is to certify that Mr./Ms./Dr. DR. BRIJESH BAKARIYA from L.K. Gujral Punjab Technical University has participated and completed the Faculty Development Programme on "Deep Learning and its Applications" organized by Department of CSE, NIT Patna under Electronics and ICT Academy, NIT Patna, held from 17th - 22th June, 2020 in online mode under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" by the Ministry of Electronics and Information Technology (MeitY), Government of India.



Date of Issue: 22.06.2020

Dr. Mukesh Kumar  
Coordinator  
NIT Patna

Dr. Bharat Gupta  
CI, E&ICT Academy  
NIT Patna

DEPUTY DIRECTOR  
IKGPTU CAMPUS KOSHIA, PATNA



Electronics & ICT Academies  
IIT Guwahati, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and PDPM IITDM Jabalpur  
Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India



**Two Weeks Online Faculty Development Programme on Machine Learning for Computer Vision**

**Certificate of Completion**

This is to certify that Dr. Brijesh Bakariya from LK. Gujral Punjab Technical University has participated in a two weeks online Faculty Development Programme on "Machine Learning for Computer Vision" jointly organized by Electronics and ICT Academies during June 29 - July 8, 2020 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India. He has successfully completed all the requirements for completion of the programme and has earned an excellent grade. The programme is recognized by AICTE/UGC.

*ADJha*

Prof. Anurag K. Jha  
Principal Coordinator, E&ICT Academies  
Ministry of Electronics and Information Technology

*Dr. Anshu Bhat*

Dr. Anshu Bhat  
Associate Level Programme Coordinator  
PDPM IITDM Jabalpur

*Dr. Rakesh Kumar*

Dr. Rakesh Kumar  
Co-Principal Coordinator  
MNIT Jaipur

*[Signature]*

DEPUTY DIRECTOR

IKGPTU CAMPUS MOSHI, MUMBAI



Ref. EICT/NITP-MNIT/99/ECE/985/2020



Electronics & ICT Academies  
NIT Patna, MNIT Jaipur, PDPM IITDM Jabalpur, IIT Guwahati and IIT Roorkee



### Certificate of Participation

This is to certify that Dr./Mr./Ms. Brijesh Bakariya from I.K. Gujral Punjab Technical University has participated in a two-week Online Faculty Development Programme on "ICT Tools for Teaching, Learning Process and Institute" jointly organized by Electronics and ICT Academies held from 10<sup>th</sup> - 21<sup>st</sup> August, 2020 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India. She /He has successfully completed programme and has earned Good grade. We wish him/her a very good luck for his/her future endeavor.

*B. Gupta*

Dr. Bharat Gupta  
Principal Coordinator and CE, EICT Academy  
NIT Patna

Date of Issue: 21<sup>st</sup> August 2020

*[Signature]*

Dr. Anil W Joshi  
Co-Principal Coordinator  
MNIT Jaipur

*[Signature]*

DEPUTY DIRECTOR  
IKGPTU CAMPUS MOSHIAHPUR



## ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

## AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that Brijesh Bakariya, Assistant Professor of L.K. Gujral Punjab Technical University participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2020-10-12 to 2020-10-16 at School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.).

Director ATAL Academies



Coordinator

DEPUTY DIRECTOR  
IKGPTU CAMPUS BILASPUR



# I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

## WEBINAR

Organized by

Department of College Development, IKGPTU

### *Certificate of Participation*

awarded to

**REETI PAL SINGH**

*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



**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

**REETI PAL SINGH, DEPUTY DIRECTOR**

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY CAMPUS, HOSHIARPUR

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

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

MPU, HOSHIARPUR

## **FACULTY INDUCTION PROGRAMME**

30<sup>th</sup> Oct to 23<sup>rd</sup> November, 2019

### **Passing Certificate**

This is to certify that **KULWINDER SINGH PARMAR** from **IK Gujral Punjab Technical University, Hoshiarpur Campus, Punjab** has secured an **overall grade of A** by passing all the assessments conducted during the Induction Programme held at Indian Institute of Science Education and Research (IISER) Pune.

The programme was organised by the Center of Excellence in Science and Mathematics Education (CoESME) at IISER Pune, under the aegis of MHRD's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) Scheme.

*C. Harinath*

**Dr. Harinath Chakrapani**

Associate Professor

Dean, International Relations and Outreach

Indian Institute of Science Education and Research (IISER) Pune



**DEPUTY DIRECTOR**

**IKGPTU CAMPUS HOSHIARPUR**

**Grading Key :- O:80-100%; A:65-80%; B:55-65%; C:40-55%; D:35-40%; F: <35%**



Spoken Tutorial

# CERTIFICATE OF PARTICIPATION

This is to certify that

**KULWINDER SINGH PARMAR**

of **I K Gujral Punjab Technical University - Kapurthala** has participated & Completed Successfully Two-week Faculty Development Program (FDP) (PMMNMTT) on LATEX organized by Department of Computer Science & Engineering of Sri Sai College of Engineering & Technology, Badhani Pathankot in association with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through ICT, MHRD, Govt of India) from **23<sup>RD</sup> March to 4<sup>th</sup> April 2020.**

This FDP was held Under the Aegis of Pandit Madan Mohan Malaviya National Mission for Teachers & Teaching (PMMNMTT), MHRD, GOI.

**Dr. Dinesh Garg**  
 Convener, FDP

**Dr. Vipin Gupta**  
 Principal, SSCET

**Er. Kanwar Tushar Punj**  
 CMD, SSGI

DEPUTY DIRECTOR



# Acknowledgement of Completion

This is to acknowledge that

**Dr. Kulwinder Singh**

has successfully completed the training

**Basics of COVID-19**

on 23 April 2020.



Scan to Verify



आर्जीव्य एव प्रशिक्षण विभाग  
DEPARTMENT OF  
**PERSONNEL & TRAINING**



DIKSHA

**DEPUTY DIRECTOR**

**IKGPTU CAMPUS JOSHIARPUR**





# Acknowledgement of Completion

This is to acknowledge that

**Dr. Kulwinder Singh**

has successfully completed the training

**Infection Prevention and Control**

on 01 May 2020.



कार्मिक एवं प्रशिक्षण विभाग  
DEPARTMENT OF  
**PERSONNEL & TRAINING**

**DEPUTY DIRECTOR**

IKGPTU CAMPUS MOOSHIARPUR Scan to Verify



V5L3G5



Certificate



**GURU NANAK DEV UNIVERSITY, AMRITSAR**  
*School of Education*

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING, MHRD, Govt. of India  
in Collaboration with RAX Labs Inc and Balani Infotech  
organizes

**WORKSHOP**

ON  
**ONLINE TOOLS (RAX SOFTWARE) FOR REVIEWING AND MANAGING RESEARCH  
LITERATURE FOR BETTER RESEARCH PRODUCTIVITY**

This is to certify that Dr./Mr./Ms. KULWINDER SINGH PARMAR, Designation ASSISTANT  
PROFESSOR, Department/Institute DEPARTMENT OF MATHEMATICAL SCIENCES/IK GUJRAL  
PUNJAB TECHNICAL UNIVERSITY, JALANDHAR has participated in the session on May 15, 2020.

Date: May 15, 2020  
Place: AMRITSAR

*Kauts*

Prof (Dr) Amit Kauts  
Project Coordinator, SOE, PMMMNMTT, MHRD  
Guru Nanak Dev University, Amritsar

*Deepa*

Dr Deepa Sikand  
Head, Department of Education  
Guru Nanak Dev University, Amritsar

*DP*  
DEPUTY DIRECTOR  
IKGPTU CAMPUS ZOSHIARPUR



# THREE DAYS NATIONAL WEBINAR

25-27 June 2020

[ UNDER THE UGC QUALITY MANDATE NOTIFICATION D.O.NO.1-3/2020(CM); DATED 28-3-2020 ]

## " BREAKTHROUGH OF E-CONTENT & DIGITAL RESOURCES IN PANDEMIC COVID-19 "

Organized by:

Department of Computer & Science  
**Vipra Arts Commerce and Physical Education**  
**College, Raipur (C.G.)**

### E-Certificate

This is to certify that **Dr kuwinder singh parmar** ..... has  
Of I k Gujral Punjab technical University  
participated in the Three Days National Webinar on "Breakthrough of  
E-Content & Digital Resources in Pandemic COVID-19".

*Mohit Shrivastava*  
**Mr. Mohit Shrivastava**  
HOD (Deptt. of Computer & Science)

*Meghesh Tiwari*  
**Dr. Meghesh Tiwari**  
Principal

*Deputy Director*

**DEPUTY DIRECTOR**  
**IKGPTU CAMPUS KOSHIA RAIPUR**



Ref. No.: SOMME/Webinar/023

# SOCIETY OF MATERIALS & MECHANICAL ENGINEERS

[Regd. under Societies Registration Act (XXI of 1860), Regn. No. 324 of 2015-16]

## Certificate of Participation

It is certified that Dr. Kulwinder Singh Parmar, Assistant Professor, Mathematics, I K Gujral Punjab Technical University, Kapurthala, has attended One Day Webinar on "Online Teaching and Effective Learning: Bridging the Gap" on 23-05-2020.

Place: BATHINDA  
Date: 23-05-2020

*Dr. Buta Singh Sidhu*  
Dr. Buta Singh Sidhu  
President

*Dr. Hazoor Singh Sidhu*  
Dr. Hazoor Singh Sidhu  
General Secretary

*Dr. Kulwinder Singh Parmar*

DEPUTY DIRECTOR

IKGPTU CAMPUS LOSHLARPUR



Ref. No.: SOMME/FDP/041

Faculty Development Program

on

"Enhancing Research Capabilities"

1<sup>st</sup> to 5<sup>th</sup> June, 2020




## Certificate of Participation

It is certified that Dr. Kulwinder Singh Parmar, Assistant Professor, Mathematical Sciences, IK Gujral Punjab Technical University, IKGPTU Hoshiarpur Campus, Hoshiarpur-146001, Punjab (INDIA) has successfully attended AICTE & ISTE approved One Week Faculty Development Program on "Enhancing Research Capabilities" from 1<sup>st</sup> to 5<sup>th</sup> June, 2020, organized by Society of Materials and Mechanical Engineers (SOMME).

Place: BATHINDA  
Date: 06-06-2020

  
Er. Yadwinder Pal Sharma  
(Organising Secretary)

  
Dr. Hazoor Singh Sidhu  
(Convener & General Secretary SOMME)

  
DEPUTY DIRECTOR  
IKGPTU CAMPUS HOSHIA

Certificate Number: SSCET/FDP/2020/00209

Dr. Kulwinder Singh

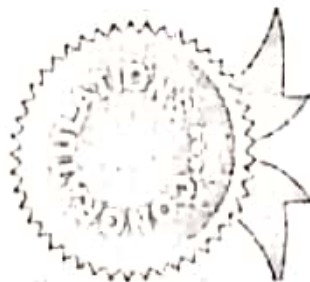


www.srisaigroup.in

# SRI SAI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to IKGPTU Kapurthala)

## CERTIFICATE OF PARTICIPATION



This is to certify that

**DR. KULWINDER SINGH**

**PARMEAR**

IK Gujral Punjab Technical University

has participated and successfully completed One Week Online Faculty Development Program on Research and Innovation (05-09 June, 2020) organized by Department of Mechanical Engineering, Sri Sai Group of Institutes, Badhani-Pathankot.

*Dr. Arjan Singh*

Dr. Arjan Singh  
H.O.D Mechanical Dept.

*Dr. Vipin Gupta*

Dr. Vipin Gupta  
Principal SSCET

*Er. Kanwar Tushar Punj*

Er. Kanwar Tushar Punj  
CMD, Sri Sai Group of Institutes

Pathankot

84271-84271

Department of Mathematics  
**Dr. B. R. Ambedkar National Institute of Technology, Jalandhar**  
(An Institute of National Importance – Under MHRD, Govt. of India)



## Certificate of Participation

This certificate is awarded to

**Dr. Kulwinder Singh Parmar**

Department of Mathematical Sciences, I K Gujral Punjab Technical University  
for the participation in the five days online Short Term Course

on

**“Essential Tools in Optimization”**

held from 25<sup>th</sup> -29<sup>th</sup> June, 2020 at

Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab – 144011 (India)

(Dr. Deepika Rani)  
Coordinator

(Dr. O. P. Verma)  
Coordinator

(Dr. Anupam Yadav)  
Convener

Ref No. NITJ/MAETO/23/06/2020 17:46:20

DEPUTY DIRECTOR

IKGPTU CAMPUS MOOSHIANPUR