6.3.4

Teachers undergoing online / face to face Faculty Development Programmes



Certificate No: 3566/20



Erchnical Existera Craining and Research Uhandmarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

AVTAR SINGH BUTTAR

IKGPTU MAIN CAMPUS KAPURTHALA, MAIN CAMPUS PUNJAB

Participated in the AICTE Recognized Faculty Development Programme

on

Recent Advances in Nanostructured Materials

Conducted by

Applied Science Department

from

13-01-20 to 17-01-20 (One Week)

at

IKG PTU, Jalandhar, Kapurthala



Coordinator

Carter & Blue T

Head of Department

P55W

Director

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

Dr B R Ambedkar National Institute of Technology, Jalandhar

Punjab, India- 144011

Department of Industrial & Production Engineering

One Week Online Short Term Course

on

"The Education Factory"

(September 18-22, 2020)

TEQIP III



Certificate of Participation

This is to certify that Prof/Dr/Mr/Ms. Satvir Singh, Associate Professor at IKG Punjab Technical University, Kapurthala has completed the TEQIP-III sponsored one week online short term course on "The Education Factory" held from September 18-22, 2020, organized by the Department of Industrial & Production Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, India.

(Dr Rakesh Kumar)

Convener

(Dr Preeti Puri)

Coordinator

(Dr Nitin Sharma)

Coordinator

(Dr Rajeev Verma)

Organizer

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

IKGPTU/ECE/FDP/_820





One-Week National Level AICTE-IKGPTU Sponsored FACULTY DEVELOPMENT PROGRAMME

DR. SATVIR SINGH TAGPTU, KAPURTHALA

has completed One-Week National Level Faculty Development programme on

MODERN TOOLS AND TECHNIQUES FOR TEACHERS AND RESEARCHERS

organized by

Department of Electronics & Communication Engineering

at

I.K. Gujral Punjab Technical University, Kapurthala

during November 18-22, 2019

Dr Satvir Singh

Dr Y S Brar Campus Director

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



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA

Department of Electronics and Communication Engineering

Ref. No. IKGPTU/ECE / 9.56

Dated 06/12/19

To Whom it May Concern

University, Kapurthala has successfully completed One week National level Faculty Development Programme on Internet of Things (IoT) and Real Life Applications organized by Electronics & Communication Engineering Department at I. K. Gujral Punjab Technical University, Kapurthala during December 02-06, 2019. This programme was sponsored by AICTE under AICTE Training & Learning (ATAL) Scheme.

Dr. Rakesh Goyal

Dr. Satvik singh

Head

Head

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

"Propelling Punjab to a prosperous knowledge Society"



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

(ISO 9001 : 2008 Certified Institution)



This Certificate is awarded

to

Dr. Satvir Singh

SBSSTC, Ferozepur (Punjab)

for participation in the

Workshop on

Quality Initiatives in Technical & Higher Educational Institutions

(in Compliance with NBA & NAAC Accreditation)

10 - 12 March 2015, Hyderabad

Course Director Head

Department of Electronies & Communication Engineering IK Gujral Punjab Technical University Main Campus, Kapurthala (Punjab)-144603 Si Chouston



Training in Excellence

Certificate of Participation

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in "Training in Excellence" Program of The of Living from ...

at SBSSTC., Peroskpus

Implementation of Knowledge and practice of the techniques taught in this program ensure a strong healthy body, relaxed mind and a responsible proactive attitude.

Thate To-ordinate

Dr. Rajnech Bachdena Registra PTU



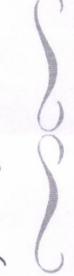




AICTE SPONSORED 2 WEEKS FACULTY DEVELOPMENT PROGRAMME

SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS **FEROZEPUR**

Sature Singh (\$8551C, F2R) has participated administration Engineering Main Campus, Kapurthala (Punjab)-144603



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

by Department of Mechanical Engineering from May 25th - June 5th 2015.

in AICTE sponsored & TEQIP-II supported Faculty Development Programme on "RESEARCH TECHNIQUES" organized

DR. RAKESH KUMAR Robert (Course Co-ordinator

DR. A K TYAGI TEQIP-II Co-ordinator

DR. T. S. SIDHU

Patron





ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training and Learning (ATAL) Academy

Certificate

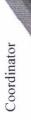
FDP on "Challenges in adapting Machine Learning towards 5G/6G Communications" from 09/08/2021 to participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary This is certified that DALVEER kaur, Assistant Professor of IKGPTU MAIN CAMPUS, KAPURTHALA 13/08/2021 at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

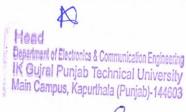


Advisor-I, ATAL Academy Dr. Mamta Rani Agarwal











Certificate No: 7337/21-22



Antional Institute of Technical Teachers Training and Kesearch 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
NITTTR, Chandigarh



Co-ordinator

Head of the Department

Director

Head

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

Certificate No: 7212/21-22



National Institute of Technical Teachers Training and Kesearch 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

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

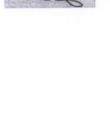
AICTE Training And Learning (ATAL) Academy

Certificate

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







Coordinator

Adviser-I, ATAL Academy

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





ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " This is certified that DALVEER kaur, Assistant Professor of IKGPTU MAIN CAMPUS, KAPURTHALA Ability and Inability of AI" from 2021-6-21 to 2021-6-25 at Gandhi Institute For Technology (GIFT).









Coordinator

Certificate No: ICT-2650/20

National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that



DALVEER KAUR

IKGPTU MAIN CAMPUS, KAPURTHALA PUNJAB

Participated in the AICTE Recognized Faculty Development Programme

on

Low Power VLSI Design

Conducted by

Electronics and Communication Engineering Department

from

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

at

NITTTR, Chandigarh



Coordinator

BSSW

Director

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

Certificate No: ICT-8362/20

National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

DALVEER KAUR

IKGPTU MAIN CAMPUS, KAPURTHALA PUNJAB

Participated in the Online AICTE Recognized Faculty Development Programme

on

Academic Leadership Enhancement in Technical Institutions

from

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

Organized by

Electronics and Communication Engineering Department

NITTTR, Chandigarh



Coordinator

Director

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



Page.

C

**



CERTIFICATE



Ref No: SSCET/FDP/2020/011

Dr. Dimesh Garg

Der Sinesh Garg Convener, FDP

Dr. Vipin Gupta Principal, SSCET Lohar

Er. Kanwar Tushar Punj CMD, SSGI

This is to certify that

DALVEER KAUR

of I K Gujral Punjab Technical University - Kapurthala has participated & Completed Successfully Two-week Faculty Development Program (FDP) (PMMNMIT) 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 23RD March to 4th April 2000.

This FDP was held Under the Aegus of Pandit Madan Mohan Malaviya Marional Musicus for Teachers & Teaching (PADADANIT), MFRD, GOIL

www srisaigroup in

Dalhousie Road, Badhani, Pathankot (145001) Punjab

on of Electronics & Communication Engineering uiral Punjab Technical University Ural Punjab Technical (Punjab)-144603 (Campus, Kapurhala (Punjab)-144603

Certificate No: ICT-11041/20

National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

DALVEER KAUR

IKGPTU MAIN CAMPUS, KAPURTHALA PUNJAB

Participated in the Online AICTE Recognized Faculty Development Programme

on

Technological Interventions using Wireless Communication

from

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

Organized by

Electronics and Communication Engineering Department

NITTTR, Chandigarh



Coordinator

Director









One-Week National Level AICTE-IKGPTU Sponsored

PACIFIC DEVELOPMENT PROGRAM

DY. DALVEER KAUR

IK GIUJRAL PUNJAB TECHNICAL UNIVERSITY

has completed One-Week National Level Faculty Development program

SURFACE ENGINEERING AND MATERIALS CHARACTERISATION

organized by

Department Of Mechanical Engineering

I.K. Gujral Punjab Technical University Jalandhar, Kapurthala

during December 09-13, 2019

Dr. Manoj Mittal

Dr Y S Brar

Head

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







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

AICTE Training And Learning (ATAL) Academy, Jaipur

Certificate

This to be certified that DALVEER KAUR participated & completed successfully AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things (IoT)" from 02-12-2019 to 06-12-2019 at I K Gujral Punjab Technical University, Kapurthala.

Januara

Director ATAL Academies

Coordinator

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

CO KUPILLO IN

One-Week National Level AICTE-IKGPTU Sponsored FACULTY DEVELOPMENT PROGRAMME

DR. DALVEER KAUR, IKGPTU, KAPURTHALA

has completed One-Week National Level Faculty Development programme on

MODERN TOOLS AND TECHNIQUES FOR TEACHERS AND RESEARCHERS

organized by

Department of Electronics & Communication Engineering

I.K. Gujral Punjab Technical University, Kapurthala during November 18-22, 2019

Dr Satvir Singh

ECE

Dr Y S Brar Campus Director

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

4

Reference No HRDC/RC_SS/1309

ubu299

HUMAN RESOURCE DEVELOPMENT CENTRE

GURU NANAK DEV U



UGC-SPONSORED REFRESHER COURSE

This is to certify that Dr./Mr./h Designation Assistant Professor	of Deptt. of Electronic	es & Communication Engg.
affiliated to IKG limings Technical participated in the Refresher Course from 16/06/2016 to 0	I University Kapudha in Summer School in Me 6/07/2018 and obtained	ternal/Basic Sciences (ID) Grade A
Amritsar Dated 06/07/2015. Director	Coordinator	Registrar/Vice-Chancellor

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





Punjab Institute of Technical Teachers Training & Research (PITTIE). Islandhar

(Academic Staff College of IK Gujral Punjab Technical University)

IKG-PTU/PITTTR/REG/ 2368

Date: 13-01-2017

Certificate

This is certified that Dalveer Kaur of IKG, PTU Main Campus has attended one week Faculty Development Programme on the title "Modelling and Simulation of Engineering Systems" held at IK Gujral Punjab Technical University, Jalandhar (Pb.) on Jan 09-13, 2017.

Co-coordinator (Dr. Rakesh Goyal)

Coordinator

(Dr. Jaspreet Singh Chahal)

Chief-Coordinator (Dr.B.P. Garg)

6

S. J.

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

DALVEER KAUR

of

KURUKSHETRA I.K. GUJRAL, PTU, KAPURTHALA, PUNJAB

HAS PARTICIPATED IN ONE WEEK SHORT TERM COURSE

on

MODELING AND SIMULATION OF WIRELESS COMMUNICATION SYSTEMS Organized by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING **NIT KURUKSHETRA**

> from June 20-24, 2016 **AT NIT Kurukshetra**

se Coordinate Dept. of ECE NIT Kurukshetra

Dept. of ECE NIT Kurukshetra

NIT Kurukshetra

IK Gujral Punjab Technical University Main Campus, Kapurthala (Punjab)-144603

Human Resource Development Centre

Himachal Pradesh University, Shimla-171 005



UGC SPONSORED REFRESHER COURSE

Certificate of Participation

This is to certify that	Or. 0	allieer Jany	
of Flectro	nics	from Debt.	of Electronics & Comm.
Engy Punjab Te	chmical U	minersity Comp	of Electronics & Comm. ous Kaburthala, Punjob
affiliated to	Course	107 Cinter	Disciblinary)
held from U.G. U.T. 2	0.15 10	25.07.2015 and	obtained grade as per attached Certificate.
		in sulliva	Volume Main
12.00		1)	VICE-CHANCELLOR C

COURSE CO-ORDINATOR

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

Ref No: SSCET/IQAC/FDP-21/01/484

of Participation



This is to certify that

Dr. Rakesh Goyal

Assistant Professor, Electronics & Communication Engineering at TK-Gujral Punjab 05TH, 2021. We wish him/her a very good luck for his/her future endeavour by Sri Sai College of Engineering & Technology, Badhani Pathankot from June 01st to June Program on Innovation, Incubation, Startups and Research challenges in India organized Technical University, Kapurthala has participated in One Week Online Faculty Development

Prof. Saminder Tarwal Coordinator, IQAC

Dr. Wipin Gupta
Principal, SSCET

Er. Kanwar Tushar Punj





OF PARTICIPATION





This is to certify that

Dr. Rakesh Goyal

in Two Days National E-Workshop on Outcome Based of I K Gujral Punjab Technical University has Participated of Sri Sai College of Engineering & Technology, Badhani Education & Examination Reform organized by Team IQAC his/her future endeavor. Pathankot on May 15TH & 16TH, 2021. We Wish him/her a very luck for

chnical University nala (Punjab)-144603

Coordinator, IQAC

Prof. Saminder Tarwal

Dr. Vipin Gupta
Principal, SSCET

Tuskar Punj

CMD, SSGI

WWW.SIISaigr



Dr. B. R. Ambedrar National Institute of Techn Jogy Jalandhar

(An institute of National Importance under Ministry of Education, Govt of India)

Online Short term Course

Research Communication

(TEQIP III Sponsored)

Certificate

Kapurthala has participated in the TEQIP III Sponsored One week Short Term Course on This is 真实 certify that Dr. Rakesh Goyal from I K Gujral Punjab Technical University,

"Research Communication" organized by Department of Chemistry, Dr. B. R. Ambedkar

National Institute of Technology Jalandhar from 25/09/2020 to 29/09/2020.

Dr. Sadhika Khullar

(Coordinator)

Dr. Preeti Puri (Coordinator)

Rectify

Prof. B. S. Kaith (Convener)

Dr B R Ambedkar National Institute of Technology, Jalandhar

C

Punjab, India- 144011

Department of Industrial & Production Engineering



Participant ID NITJ/IPE/0920/TEF097

One Week Online Short Term Course "The Education Factory"

(September 18-22, 2020)

TEQIP III

Certificate of Participation

Education Factory" held from September 18-22, 2020, organized by the Department of Industrial & Production University, Kapurthala has completed the TEQIP-III sponsored one week online short term course on "The This is to certify that Prof/Dr/Mr/Ms. Rakesh Goyal, Assistant Professor at I K Gujral Punjab Technical

Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, India.

- Liting Augus

Coordinator

(Dr Nitin Sharma)

(Dr Rajeev Verma) Organizer

> (Dr Rakesh Kumar) Convener

(Dr Preeti Puri) Coordinator



Andhra Christian Callege, Guntur. (Day, Evening & P.G.) Re-Accredited with "A" Grade by NAAC Andhra Pradesh, India 522001



Estd. 1885

A 7 Day Online Faculty Development Program

Revised Assessment and Accreditation Framework of NAAC

in collabaration with

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION (APSCHE)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof. / Dr. / Mr. / Mrs. / Miss.

Assistant Professor, I K Gujral Punjab Technical University, Kapurthala

has participated in the Seven Day Online Faculty Development Program on "Revised Assessment

and Accreditation Framework of NAAC" from 09th September to 15th September, 2020.

Dr. V. Ezra Vijaya Sekhar

Dr. K. Moses

MAN &

Vice-Principal & Coordinator, IQAC Organising Secretary

> H.O.D., Botany Convener

Dr. T. Anita Susan Chairperson, IQAC Principal

Prof. K. Rama Mohana Rao Vice-Chairman

APSCHE



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that Dr. Rakesh Goyal from 1 K Gujral Punjab Technical University Kapurthala,

Kapurthala has participated and successfully completed the online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 9-13, July 2020 as

organized by All India Council for Technical Education (AICTE).

J. mars

Dr. Rajneesh Arora Chairman National Coordination Committee for Induction Program

Prof. Rajive Kumar Member Secretary, AICTE

Memoring School of the Manager Memoring Memoring Memoring Memoring School of the Manager Memoring Memo

SATISH PRADHAN DNYANASADHANA COLLEGE, THANE

(Arts, Science and Commerce)

Internal Quality Assurance Cell and Faculty Development Programme Committee

Yashwantrao Chavan Maharashtra Open University, Mumbai Regional Centre Department of Information Cechnology University of Mumbai In Association with

University of Mu



organised

FDP on 'Evolution from Offline to Online Teaching'

fashwantrao Chaxan Mahara Open University, Nashik तानगंगा घरोघरी

This is to certify that

Mr./Ms./Dr. Dr. Rakesh Goyal

has participated in the five-day online Faculty Development Programme from 30th May, 2020 to 3rd June, 2020 on the topic 'Evolution from Offline to Online Teaching'

Regional Director, Mumbai. YCM Open University Academic Associate, Dr. Waman Nakhale

University of Mumbai Dr. R. Srivaramangai Head of IT Dept.

Satish Pradhan Dnyanasadhana College, Dr. Chandrashekhar D. Marathe Principal



SRI SAI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to IKGPTU Kapurthala)



CERTIFICATE OF PARTICIPATION

This is to certify that

RAKESH GOYAI

Assistant Professor

I K Gujral Punjab Technical University, Kapurthala

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.

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

Principal SSCET Dr. Vipin Gupta

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

84271-84271

/ssgipathankot



SRI SAI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to IKGPTU Kapurthala)



CERTIFICATE OF PARTICIPATION

This is to certify that

Rakesh Goyal

Assistant Professor

I K Gujral Punjab Technical University Kapurthala

has participated and successfully completed One day webinar on Students Internship Program Powered by Spoken Tutorials IIT Bombay (10th June, 2020) organized by Department of Training & Placement, Sri Sai Group of Institutes, Badhani-Pathankot.

Training & Placement Officer Er. Sulakshay Murgai

Principal SSCET Dr. Vipin Gupta

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

84271-84271

| (a) /ssgipathankot

Sertificate Number: SSCET/WEB-10-1/2020/006-

Certificate No: ICT-17506/20



National Institute of Technical Teachers Training and Kesearch Chandigach

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAKESH

I K GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA PUNJAB

Participated in the Online AICTE Recognized Faculty Development Programme

on

Evaluation & Setting of Question Papers

from

25-05-20 to 29-05-20 (One Week)

Organized by

Education and Educational Management Department

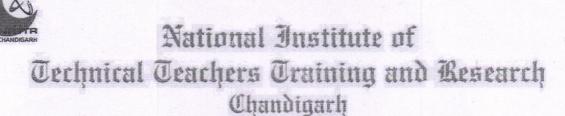
NITTTR, Chandigarh



Swil Dute
Coordinator

Heed A Fledrence & Communication Engineering Assemblian of Electrence & Communication & Commun

Certificate No: ICT-13841/20



MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAKESH

I K GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA PUNJAB

Participated in the Online AICTE Recognized Faculty Development Programme

on

Open Source Cyber Security Tools

from

18-05-20 to 22-05-20 (One Week)

Organized by

Computer Science and Engineering Department

NITTTR, Chandigarh



Mailreyee

Head

Department of Electronics & Communication Engineering

IK Quiral Punjab Technical University

Name Campus, Kapurthala (Punjab)-144603

D2 200

Director



CERTIFICATE

OF PARTICIPATION

Ref No: SSCET/FDP/2020/038







This is to certify that

RAKESH GOYAL

of I K Gujral Punjab Technical University - Kapurthala has participated & Completed Successfully Two-week Faculty Development Program (FDP) (PMMMNMTT) 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 23RD March to 4th April

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

Dr. Dinesh Garg

Convener, FDP

Dr. Vipin Gupta Principal, SSCET

Er. Kanwar Tushar Punj CMD, SSGI

Dalhousie Road, Badhani, Pathankot (145001) Punjab



Certificate No: 3552/20

National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAKESH

I K GUJRAL PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA PUNJAB

Participated in the AICTE Recognized Faculty Development Programme

on

Recent Advances in Nanostructured Materials

Conducted by

Applied Science Department

from

13/01/2020 to 17/01/2020 (One Week)

at

IKG PTU, Jalandhar, Kapurthala



- Jahrer kunn

Coordinator

Cule JEPano

Head of Department

B5 W

Director



DALVIK APPS & WECAN EDUCATION



IN COLLABORATION WITH

Dalvik Apps

I.K. Gujral Punjab Technical University

PRESENTS THIS

Certificate of Participation

"Internet of Things" held on 25th, 26th & 27th December 2019 at I.K. Gujral Punjab Technical For her/his active and invaluable participation during the 3-Day Workshop on University in Collaboration with DA-WEORG

はならず

Assistant Professor Dr. Rakeah Goyal

Mr. Amir Thool, Dalvik Apps

TO A CONTRACTOR AND A C

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

Date 24/12/2019

Reference No. HRDC/WS:

University Grants Commission

Human Resource Development Centre (HRDC)

GURU NANAK DEV UNIVERSITY, AMRITSAR

UGC-Spansared Winter School

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

Dr. Rakesh

Designation Assistant Professor

of Deptt. of Electronics & Comm. Engg., IKG Punjab Technical University, Kapurthala

affiliated to

participated in the Winter School [Interdisciplinary (ID)] Refresher Course (RC) equivalent to the subject/discipline of the participant] conducted from 11-12-2019 to 24-12-2019 and obtained grade

Prof. (Dr.) Adarsh Pal Vig Director

Dr. Mohan Kumar Dy. Director

Dr. Hardeep Kaur Course Co-coordinator

Prof. (Dr.) Maninder Lal Singh Course Coordinator

Brewager

Prof. (Dr.) Jaspal Singh Sandhu Vice Chancellor







ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy, Jaipur

Certificate

(ATAL) Academy FDP on "Internet of Things (IoT)" from 02-12-2019 to 06-12-2019 at I K Gujral Punjab Technical This to be certified that RAKESH GOYAL participated & completed successfully AICTE Training And Learning University, Kapurthala.







Director ATAL Academies





One-Week National Level AICTE-IKGPTU Sponsored FACULTY DEVELOPMENT PROGRAMME

DR. RAKESH GOYAL, IKGPTU, KAPURTHALA

has completed One-Week National Level Faculty Development programme on

MODERN TOOLS AND TECHNIQUES FOR TEACHERS AND RESEARCHERS

organized by

Department of Electronics & Communication Engineering

I.K. Gujral Punjab Technical University, Kapurthala

during November 18-22, 2019

Dr Satvir Singh

FDP Coordinator

Dr Y S Brar

Campus Director

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

TO DR. RAKESH GOYAL 32 THAKUR SINGH COLONY BASHIRPURA JALANDHAR PUNIAB 144001 PH. NO:9988834220



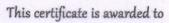
Score Type of Certificate >=90 Elite+Gold Elite+Silver 75-89 >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



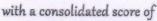
(Funded by the Ministry of HRD, Govt. of India)



DR. RAKESH GOYAL

for successfully completing the course

Digital Circuits



Online Assignments 24.13/25 Proctored Exam 60/75

Total number of candidates certified in this course: 2864

GOSHAM

Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur



Indian Institute of Technology Kharagpur

jul-Oct 2019 (12 week course



To validate and check scores; https://nptel.ac.in/noc



Reference No. HRDC/OP -107

Serial No. 0111144

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



UGC- SPONSORED ORIENTATION PROGRAMME

affiliated to Designation Assistant Professor This is to certify that Dr./Mr./Ms. Rakesh of Depth of Elec. Clomm. Engg. I. K. G. P. T. U., Kapunthala

to 10/12/2018 and obtained Grade

participated in the Orientation Programme-107

Amritsar Dated 10 12-2012

Director



Ripalkeria

Registrar/Vice-Chancellor



ONE DAY WORKSHOP

"Process of NAAC Accreditation"

July 26th, 2017

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR Main Campus Kapurthala

Certificate of Participation

organised by Department of Research and Development. participated in the Workshop on July 26th, 2017 at I. K. Gujral Punjab Technical University from Department..... This is to certify that ... Dr. Rakesh Electronics & Communication Engineering ,Designation Assistant Professor

Dean R & D

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Certificate of Training Conferred on

Dr. Rakesh

for successfully completing



"A Tryst with Learning"

A Two-day Leadership Development Program for **Educationists and Administrators** on 8 and 9 June, 2017

Course Director

Z Z



Program Director



Dr. S.K. Mishra

Master Trainer & Success Leadership Coach Asit Ghosh Institute of Leadership & Excellence

Asit Ghosh

Finance Officer I.K.Gujral Punjab Technical University, Jalandha





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

(Academic Staff College of IK Gujral Punjab Technical University)

Date: 13-01-2017

IKG-PTU/PITTTR/REG/ 2367

Certificate

Faculty Development Programme on the title "Modelling and Simulation of This is certified that Rakesh of IKG, PTU Main Campus has attended one week

Engineering Systems" held at IK Gujral Punjab Technical University,

Jalandhar (Pb.) on Jan 09-13, 2017.

Co-coordinator

(Dr. Rakesh Goyal)

(Dr. Jaspreet Singh Chahal)

Chief-Coordinator (Dr.B.P. Garg)







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

(Academic Staff College of IK Gujral Punjab Technical University)

Date: 28-04-2017

IKG-PTU/FTTE/REG/2383

Certificate

This is certified that Dr./Mr/Ms. Rakesh Goyal S/o. D/o Sh. Satpal attended Seven days

Engineers and Researchers" held at IK Gujral Punjab Technical University,

Faculty Development Programme entitled "Research Method for Data Analysis for

Jalandhar (Pb.) on 22-04-2017 to 28-04-2017



Coordinator
Er. Barinderjit Singh

Chief-Coordinator
Dr.BP Garg

NR.
Patron
Dr. NP Singh



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











This is to certify that

Dr. Amit Gupta

of.

IK Gujral Punjab Technical University, Punjab

has undergone Innovation Ambassador training (Advanced Level) conducted by MoE's Innovation Cell & AICTE during the period from $30^{\rm th}$ June - $30^{\rm th}$ July 2021 in online mode.

SADERWAS

Prof.Anil D.Sahasrabudhe Chairman, AICTE

Abbay Fre

Dr. Abhay Jere

CIO, MoE's, Innovation Cell

E-certificate No: 8845

Date of Issue: 30-07-2021



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE PANJAB UNIVERSITY, CHANDIGARH

UGC - SPONSORED REFRESHER COURSE

This is to certify that
Amit Gupta

Amit Gupta
Assistant Professor (Electronics & Communication Engineering)
LK.Gujral Punjab Technical University , Kapurthla campus, Kapurthla

participated in the Refresher Course in Environment Studies (Interdisciplinary) from 24.12.2020 to 06.01.2021 Affiliated to IKG Punjab Technical University, Jalandhar Obtained Grade-A

Prof. Dalzy Batish (Coordinator)

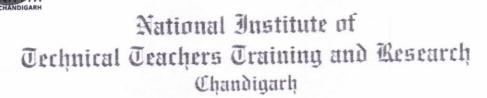
Prof. S.K. Tomar (Honorary Director)

Prof. Raj Kumar (Vice-Chancellor)

Scanned with CamScanne

Mead
Department of Electronics & Communication Engineering
IK Guiral Punjab Technical University
IK Guiral Punjab Technical (Punjab)-144603

Certificate No: 5495/21-22



MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

AMIT GUPTA

IKG PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHLA PUNJAB

Participated in the Online AICTE Recognized Faculty Development Programme

on

NBA Accreditation and Examination Reforms from

17/05/2021 to 21/05/2021 (one Week)

Conducted by

Electronics and Communication Engineering Department
NITTTR, Chandigarh



Co-ordinator

Head of the Department

Director



Certificate No: 516/19

National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

AMIT GUPTA

IKG PTU, JALANDHAR, JALANDHAR PUNJAB

Participated in the AICTE Recognized Faculty Development Programme

on

Research Methodology

Conducted by

Education and Educational Management Department

from

17-06-19 to 28-06-19 (Two Weeks)

at

NITTTR, Chandigarh



Coordinator

Smil Dutt

Head of Department

Book

Director

Head

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

HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC) Panjab University, Chandigarh UNIVERSITY GRANTS COMMISSION Sr. No.....01....



UGC - SPONSORED INTERDISCIPLINARY REFRESHER COURSE INDIA: TRADITION, ART, CULTURE AND SOCIETY

This is to certify that

Assistant Professor

Deptt of Electronic & Comm. Enga Ikan

Punjob Technical University Kapyr thala

participated in the Refresher Course

from 15-11-2019 to 28-11-2019

and obtained Grade

Honorary Director

Coordinator

Vice Chancellor

Department of Electronics & Communication Engineering
Department of Electronics & Communication Engineering
IK Gujral Punjab Technical (Punjab)-14460
Main Campus, Kapurthala (Punjab)-14460

5. No.3

Panjab University, Chandigarh



UGC-SPONSORED ORIENTATION PROGRAMME CERTIFICATE OF PARTICIPATION

gradeA.	organised by the UGC-Human Resource Development Centre, Panjab University, Chandigarh and obtained	participated in the 120 Orientation Programme from 13:11:2018 to 10:12:2018	from I. K. Glujzal Rungab Technical University John Haffiliated to IK G. P. Linjab Technica L. University - University John Ho	This is to certified that Amit Gupta, Assistant Professor
			4	

VICE-CHANCELLOR

COURSE COORDINATOR

HONORARY DIRECTOR

m

epartment of Eccusions's Communication Engineering K Gujral Punjab Technical University Main Campus, Kapurthala (Punjab)-144603



National Institute of Technical Teachers Training and Kesearch Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

Dr. AMIT GUPTA

CHANDIGARH UNIVERSITY,
GHARUAN, MOHALI (PUNJAB)
Participated in AICTE recognized Short Term Course

on

Wireless Networks through ICT

conducted by

Computer Science & Engineering Department

from

02.05.2016 to 06.05.2016 (One Week)

at

Chandigarh University, Gharuan, Mohali (Punjab)



Coordinator | Section of Electronics & Communication Engineering

Department of Electronics & Communication Engineering

Department of Electronics & Communication Engineering



National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA

Certificate ·

This is to certify that

Dr. AMIT GUPTA

DEPARTMENT OF ECE, CHANDIGARH UNIVERSITY,
GHARUAN, MOHALI (PUNJAB)
Participated in AICTE recognized Short Term Course

on

Open Source Technologies through ICT

conducted by

Computer Science & Engineering Department

from

04.01.2016 to 08.01.2016 (One Week)

at

University Institute of Computing, Chandigarh University, Gharuan, Mohali (Punjab)



Coordinator



Director



Harcourt Butler Technical University, Kanpur 100/PEARS



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 from 16-20 August 2021 at HBTU Kanpur. Its Applications organised by Department of Electrical Engineering, SoE Online Faculty Development Programme (FDP) on Intelligent Control and University, Main Campus, Kapurthala, Punjab has participated in One Week

(C. N. Singh)

July 1

Assoc. Prof., EED

Organising Secretary

r. Yaduvir Si

(Dr. Yaduvir Singh)
Prof. & Head, EED
Chairperson

Reference No. HRDC/RC: 6

e-certificate

Date 23/02/2021



Human Resource Development Centre (HRDC) University Grants Commission

GURU NANAK DEY UNIVERSITY, AMRITSAR

UGC-Sponsored Online Refresher Course - Winter School (Engineering Science)

(Inter/Multi-Disciplinary)

This is to certify that Dr./Mr./Ms.		Rakesh Kumar		
Designation Asstt. Professor (ECE)	at	at IKGPTU Main Campus, Kapurthala		7
affiliated to				
participated in the Online Refresher Course - Winter School (Engineering Science) (Inter/Multi-disciplinar	course -	Winter School (Engineering	Science)	(Inter / Multi-disciplinary
conducted from 10-02-2021 to 23-02-2021 and obtained grade A+	I and obt	ained grade_A+		

Prof. (Dr.) Adarsh Pal Vig **Uirector** Brush Pal vis

Prof. R.S. Sawhney

Co-ordinator

Co-ordinator Dr. Ravinder Kumar Raya

Vice Chancellor Prof. (Dr.) Jaspal Singh Sandhu



TEQIP I

Sponsored
Five days Online Faculty Development Program



Faculty Development for New Tomorrow Readiness for teaching and learning post COVID-19

Certificate of Participation

This is to certify that Dr./Mr/Ms./Mrs. Rakesh Kumar, Assistant Professor

IK Gujral Punjab Technical University

has participated in

from

teaching and learning post COVID-19 sponsored by TEQIP-III and jointly organized by Department of SLIET, Longowal, Punjab during 24th-28th July, 2020 Electrical Engineering, NIT, Uttarakhand and Department of Electrical & Instrumentation Engineering, Five days Online Faculty Development Program on Faculty Development for New Tomorrow: Readiness for



Dr. Manpreet Singh Manna

Assoc. Prof., SLIET Longowal

(Coordinator)

harryon

Dr. Mahiraj Singh Rawat

Head, EE, NIT Uttarakhand

(Convener)

Dr. Sanjay Mar

Dr. Sanjay Marwaha Head, EIE, SLIET Longowal (Convener)



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, YASAN'I KURU, NEW DELHI

RACCIOL OF POSTECIPACION

This is to certify that Dr. Rakesh Kumar from IKGPTU Main Campus, Kapurthala, has participated and

9 January, 2020 at 1 K Gujral Purijab Technical University (IKG PTU), Kapurthala organized by All India Council for Technical Education (AICTE)

successfully completed 7-days "Faculty Development Program for Student Induction (FDP-SI)" during 3 -

National Coordination Committee for Induction Program Dr. Rajneesh Arora

Prof. Rajive Kumar Member Secretary, AICTE





One-Week National Level AICTE-IKGPTU Sponsored

FACULTY DEVELOPMENT PROGRAM

Dr. Rakesh Kumar

has completed One-Week National Level Faculty Development program on

RECENT ADVANCEMENTS IN POWER AND ENERGY SYSTEMS

organized by

Department Of Electrical Engineering I.K. Gujral Punjab Technical University Nain Campus, Kapurthala, Pb.

during 09th - 13th December, 2019

Novem

Dr Naveen Kumar Sharma

FDP Coordinator

D. VO D.

Director

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

Reference No. HRDC/OP: 2

Date 03/12/2019



Human Resource Development Centre (HRDC) University Grants Commission

GURU NANAK DEV UNIVERSITY, AMRITSAR

UGC-Sponsored Orientation Programme

This is to certi	This is to certify that Dr. /Mr. /Ms.	Dr. Rakesh Kumar
Designation _	Assistant Professor	at Deptt. of Electronics & Comm. Engg., IKG Punjab Technical University, Main Campus
affiliated to		IKG Punjab Technical University, Kapurthala

participated in the Orientation Programme-108 conducted from 13-11-2019 to 03-12-2019 and obtained grade

7

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

Dr. Mohan Kumar

Dy. Director & Coordinator

Comme

Prof. (Dr.) Jaspal Singh Sandhu Vice Chancellor

I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

ANYTHE ANYTHE ANYTHE ANYTHE ANTHUR ANTHUR

Corried to Straight

Conferred on

Dr. Rakesh Kumar

for successfully completing



TA Tryst with Learning!

CEPTIFIED

A Two-day Leadership Development Program for **Educationists and Administrators** on 8 and 9 June, 2017

Course Director

Z Z



Program Director

Dr. S.K. Mishra

Finance Officer

I.K.Gujral Punjab Technical University, Jalandhar

Asit Ghosh Institute of Leadership & Excellence Master Trainer & Success Leadership Coach

Asit Ghosh