

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS08S33790029

To  
AMITA RAWLLEY THAMAN  
112-F RISHINAGAR LUDHIANA  
PUNJAB - 141001  
PH. NO :8146420404



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMITA RAWLLEY THAMAN**

for successfully completing the course



## Enhancing Soft Skills and Personality

with a consolidated score of **86** %

Online Assignments	23/25	Proctored Exam	62.71/75
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Total number of candidates certified in this course: **9994**

*Ratish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2022  
(8 week course)

*Satyaki*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S33790029

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

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS08S33790034

To  
DR SUMEET BRAR  
1002, DAYAL NAGAR  
CIVIL LINES  
LUDHIANA  
PUNJAB - 141001  
PH. NO :9417083858



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

No. of credits recommended by NPTEL:2

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



**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DR SUMEET BRAR**

for successfully completing the course



**Enhancing Soft Skills and Personality**

with a consolidated score of **90** %

Online Assignments	21.92/25	Proctored Exam	68.43/75
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Total number of candidates certified in this course: **9994**

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2022  
(8 week course)

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No:NPTEL22HS08S33790034

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

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS08S43790144

To  
HARMEET KAUR JHAJJ  
H. NO. 9 NEW SUNDER NAGAR VPO THREEKE,  
FEROZPUR ROAD, DISTRICT LUDHIANA.  
LUDHIANA  
PUNJAB - 142021  
PH. NO :9988829173



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

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**HARMEET KAUR JHAJJ**  
for successfully completing the course



**Enhancing Soft Skills and Personality**

with a consolidated score of **82** %

Online Assignments	18.67/25	Proctored Exam	63.17/75
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Total number of candidates certified in this course: 9994

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No:NPTEL22HS08S43790144

To validate and check scores: <https://npTEL.ac.in/noc>





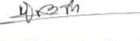
**Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.)**  
**One Week Online Faculty Development Program on**  
**"Research Quality, Teaching Learning and Evaluation"**  
 10<sup>th</sup> to 16<sup>th</sup> March 2022

**E - CERTIFICATE**

This is to certify that  
**MRS. SHASHI BALA**  
**SCD Govt. College Ludhiana Punjab India**  
 has actively participated in a One Week Online Faculty Development Program on "Research Quality, Teaching Learning and Evaluation" from 10<sup>th</sup> to 16<sup>th</sup> March 2022.

  
 Dr. R. S. Raghuvansi  
 IQAC Coordinator

  
 Dr. Shubhra Tripathi  
 Convener

  
 Dr. Mahendra Singh  
 Principal & Patron

Made for free with Certify'em



**GURU NANAK COLLEGE (AUTONOMOUS)**

(Re-accredited at 'A' grade by NAAC)  
 Guru Nanak Salai, Velachery, Chennai - 600042



**SCHOOL OF HUMANITIES & IQAC**

**Online Five Day International Faculty Development Programme**  
**CERTIFICATE OF PARTICIPATION**

This is to certify that MRS SHASHI BALA attended the Online Five Day International Faculty Development Programme on "Women Empowerment & Gender Sensitisation" held on 30.03.2022 organised by the School of Humanities & IQAC, Guru Nanak College, Guru Nanak Salai, Velachery, Chennai-600042.



DR. M. G. RAGUNATHAN  
 PRINCIPAL



SARDAR MANJIT SINGH NAYAR

Made for free with Certify'em





INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

IIMT  
COLLEGE OF MANAGEMENT  
Greater Noida  
— Aim For Excellence —



IIMT College of Management, Greater Noida, U.P.

## E-Certificate

This is to certify that Ms./Mr./Dr./Prof. MRS SHASHI BALA  
SCD GOVERNMENT COLLEGE LUDHIANA PUNJAB  
of ..... participated and completed one week  
online Faculty Development Programme (FDP) on "Recent Advancements and Emerging Technologies  
in the Area of Education and Research" conducted by IIMT College of Management Greater Noida, U.P.  
from 3<sup>rd</sup> to 9<sup>th</sup> February 2022.

Prof. (Dr.) Govind Kumar  
Coordinator  
IIMT College of Management

Prof. (Dr.) Amit Rai  
President, IIC  
IIMT College of Management

Dr. Abhinna Baxi Bhatnagar  
Director  
IIMT College of Management

Made for free with Certify'em



CERTIFICATE ID: **KCW-ZOO-A-21081**

## KHALSA COLLEGE FOR WOMEN

CIVIL LINES, LUDHIANA

*(Affiliated to Panjab University, Chandigarh)*

### Certificate of Participation

Session (2021-22)

Awarded to DEEPIA KALSI from  
SCD GOVERNMENT COLLEGE FOR BOYS, LUDHIANA

for participating in **WILDLIFE WEEK-2021 CELEBRATION** organised by  
Department of Zoology, Khalsa College for Women, Civil Lines, Ludhiana  
from **October 2 - October 8, 2021**.

Dr. MONITA DHIMAN  
Head, Dept. of Zoology

Mr Naresh Mahajan (IFS)  
Field Director  
M C Zoological Park Chattbir Zoo

Dr. MUKTI GILL  
Principal

Roll No: NPTEL22HS08543790202

To SARIKA PRASHER  
1844/4A ST NO 2 GOPAL NAGAR  
HAIBOWAL KALAN  
LUDHIANA  
PUNJAB - 141001  
PH. NO :8427066110

Duration of NPTEL course: 8 Weeks



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



## NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SARIKA PRASHER**




for successfully completing the course

**Enhancing Soft Skills and Personality**

with a consolidated score of **69 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Feb-Apr 2022)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22HS08543790202

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

# The ICFAI University, Jaipur

## Five Day Online Faculty Development Program (FDP) on **Artificial Intelligence & Machine Learning**

### Certificate of Participation


This is to certify that **MS. IRADEEP** from  
**SCD GOVT COLLEGE LUDHIANA ECONOMICS DEPARTMENT**  
has actively participated in **Five Day Online Faculty Development Program (FDP) on**  
**Artificial Intelligence & Machine Learning**  
organized by IcfaiTech, ICFAI University, Jaipur in collaboration with IEEE Rajasthan Sub-section  
during **June 28 – July 02, 2021**.

Jointly organized by



  
**Dr. R K Chaurasia**  
Convener  
IcfaiTech

  
**Dr. Rana Mukherji**  
Convener  
IcfaiTech

  
**Dr. Manish Tiwari**  
Chair Person  
IEEE, Rajasthan Sub-section

  
**Dr. A K Saini**  
Associate Dean  
IcfaiTech

  
**Dr. Rajesh Kothari**  
President  
The ICFAI University, Jaipur

Sr. No. 22

## GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY HISAR, HARYANA-125001



Department of Electrical Engineering  
FACULTY DEVELOPMENT PROGRAMME  
On




**Recent Trends in Renewable Energy: Opportunity & Challenges**

31<sup>st</sup> January – 05<sup>th</sup> February, 2022

Sponsored by AICTE

**Certificate**

This is to certify that Mr/Ms/ Dr. Narender Budhiraja, Assistant Professor from SCD Government college, Ludhiana, Punjab, Department of Physics has attended one week online Faculty Development Programme on **“Recent Trends in Renewable Energy: Opportunity & Challenges”** from 31<sup>st</sup> January to 05<sup>th</sup> February, 2022 organized by Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar, Haryana-125001.



  
**Prof. Sandeep K. Arya**  
University FDP Coordinator

  
**Dr. Priti Prabhakar**  
Chairperson & Coordinator



Sr. No. 27

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY**  
**HISAR, HARYANA-125001**






Department of Electrical Engineering  
**FACULTY DEVELOPMENT PROGRAMME**  
**On**  
**RECENT CHALLENGES IN ELECTRICAL & ELECTRONICS ENGINEERING**

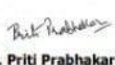
15<sup>th</sup> November - 20<sup>th</sup> November, 2021  
 Sponsored by AICTE


**Certificate**

This is to certify that Dr. Narender Budhiraja, Assistant Professor from SCD Government College, Ludhiana, Punjab Department of Physics has attended one week online Faculty Development Programme on **“Recent Challenges in Electrical & Electronics Engineering”** from 15<sup>th</sup> November to 20<sup>th</sup> November, 2021 organized by Department of Electrical Engineering, Guru Jambheshwar University of Science & Technology, Hisar, Haryana-125001.

  
 Prof. Sandeep K. Arya  
 University FDP Coordinator


  
 Dr. Sumit  
 Program Coordinator

  
 Dr. Priti Prabhakar  
 Chairperson



**Elite**

**NPTEL Online Certification**  
 (Funded by the MoE, Govt. of India)



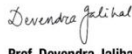
This certificate is awarded to  
**MUKESH KUMAR**  
 for successfully completing the course

**An Invitation to Topology**


with a consolidated score of **60** %


Online Assignments	16.69/25	Proctored Exam	42.94/75
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Total number of candidates certified in this course: **22**


  
 Prof. Devendra Jalihal  
 Chairman  
 Centre for Continuing Education, IITM

Jan-Apr 2022  
 (12 week course)

  
 Prof. Andrew Thangaraj  
 NPTEL, Coordinator  
 IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22MA36S43790165
To validate and check scores: <https://npTEL.ac.in/noc>



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MONIKA**

for successfully completing the course

## Introduction to Rings and Fields

with a consolidated score of **84** %

Online Assignments	20.5/25	Proctored Exam	63/75
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Total number of candidates certified in this course: **134**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2022  
(8 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22MA11S43840191

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**DARSHPREET KAUR**

for successfully completing the course

## Calculus of One Real Variable

with a consolidated score of **68** %

Online Assignments	21.92/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **167**

*Rajesh M. Hegde*

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jul-Sep 2021  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21MA60S13860067


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





**PUNJAB COMMERCE AND MANAGEMENT ASSOCIATION**

*Certificate of Participation*

This is to certify that  
**Mrs. RAJINDER KAUR**  
**Scd govt college Ludhiana**  
has attended the  
PCMA LEADERSHIP TALKS  
**(7 DAYS LEADERSHIP WORKSHOP- 7 DAYS SEVEN WEEKS)**  
May 30- July 10, 2021

  
Dr. Ashwani Bhalla  
President PCMA

  
Dr. B. B. Singla  
Vice President PCMA

  
Dr. Vikas Deep  
General Secretary PCMA

This is computer generated certificate



**NPTEL-AICTE**  
**Faculty Development Programme**

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



This certificate is awarded to

**DARSHPREET KAUR**




for successfully completing the course

**Introduction to Rings and Fields**

with a consolidated score of **77 %**

  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

(Jan-Mar 2022)

  
Prof. Dileep N. Malkhede  
Advisor-I (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL22MA11S33840076

To validate and check scores: <http://nptel.ac.in/noc>

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18





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 - 144011, 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 **Dinesh Alagh** 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)

Dr. Suneel Dutt  
(Coordinator)