



# INDIRA GANDHI UNIVERSITY, MEERPUR, REWARI

(A State University Established under Haryana Act No. 29 of 2013)

Ref No: IGU/FDP/2020/89

## FACULTY DEVELOPMENT PROGRAMME ON MOOCS AND MOODLE BASED LEARNING MANAGEMENT SYSTEM (June 15-22, 2020)

### CERTIFICATE OF PARTICIPATION

This is to certify that ***Dr. Jyoti Tiwari***, Associate Professor of H.N.B. Garhwal University, Srinagar (Garhwal), Uttarakhand has participated in Faculty Development Programme on "***MOOCs and MOODLE Based Learning Management System***" from June 15-22, 2020 through online mode organized by Indira Gandhi University, Meerpur, Rewari.

**Dr. Ishwar Sharma**  
FDP Convener

**Prof. Tej Singh**  
FDP Director

**Date: 22 June, 2020**

## FACULTY DEVELOPMENT CENTRE

Under the HRID Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT)



Hemvati Nandan Bahuguna Garhwal University (A Central University)  
Srinagar (Garhwal), Uttarakhand

ONE WEEK SHORT-TERM COURSE FOR TEACHERS IN HIGHER EDUCATION-03  
on

**OPEN EDUCATIONAL RESOURCES IN HIGHER EDUCATION (OERHE)**

(4<sup>th</sup> - 9<sup>th</sup> September 2017)

### CERTIFICATE OF PARTICIPATION

Certified that *Dr. Anita Sati, Assistant Professor in Department of Home Science of HNB Garhwal University, Srinagar (Garhwal), Uttarakhand* participated in the Short-Term Course held at Academic Activity Center, Chauras Campus from 4<sup>th</sup> to 9<sup>th</sup> September, 2017.

*Om Prakash Gusain*

Prof. O.P. Gusain  
Director

*J.L. Kaul*

Prof. J.L. Kaul  
Vice-Chancellor



# INDIRA GANDHI UNIVERSITY, MEERPUR, REWARI

(A State University Established under Haryana Act No. 29 of 2013)

Ref No: IGU/FDP/2020/26

## FACULTY DEVELOPMENT PROGRAMME ON MOOCS AND MOODLE BASED LEARNING MANAGEMENT SYSTEM (June 15-22, 2020)

### CERTIFICATE OF PARTICIPATION

*This is to certify that **Dr. Archana Shah**, Associate Professor of SRT Campus, HNB Garhwal University (A Central University) has participated in Faculty Development Programme on "MOOCS and MOODLE Based Learning Management System" from June 15-22, 2020 through online mode organized by Indira Gandhi University, Meerpur, Rewari.*

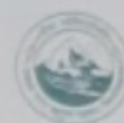
Dr. Ishwar Sharma  
FDP Convener

Prof. Tej Singh  
FDP Director

Date: 22 June, 2020



FDC/HNBGU/2018/ITF- 02



**FACULTY DEVELOPMENT CENTRE**  
Under PMMMNMTT Scheme of MHRD, Govt. of India  
**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA

One Week Workshop  
on  
Use and Development of Open Educational Resources  
(October 12- 18, 2018)

*Certificate of Participation*

This is to certify that Dr. Anita sati, Assistant Professor, Department of Home Science, HNB Garhwal University Srinagar (Garhwal) Uttarakhand has participated in the One Week Workshop on "Use and Development of Open Educational Resources" for Teachers of Universities and Colleges during October 12- 18, 2018 organized by Faculty Development Centre, under PMMMNMTT scheme of MHRD, Govt. of India at HNB Garhwal University, Srinagar (Garhwal), Uttarakhand.

Date: October 18, 2018  
Place: Srinagar (Garhwal)

Prof. Indoo Pandey Khanduri  
Director



FDC/HNBGU/2022/SINEP/21

## FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of MHRD, Government of India)  
HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY  
(A Central University)  
SRINAGAR (GARHWAL) - 245174, UTTARAKHAND, INDIA



### Online Short Term Training Program

On

'Strategies for Implementation of National Education Policy 2020'  
(December 28, 2021 - January 03, 2022)

### CERTIFICATE OF PARTICIPATION

This is to certify that Ms. Laxmi Danosi Koundal from Department of Home Science, H.N.B. Garhwal University, BGR Campus, Pauri Garhwal, Uttarakhand has successfully completed the Online Short Term Training Program on 'Strategies for Implementation of National Education Policy 2020' for the Teachers of Universities and Colleges organized by Faculty Development Centre, established under PMMMNMTT scheme of MoE, Government of India, at HNB Garhwal University, during December 28, 2021 - January 03, 2022.

*R Singh*

Dr. Rahul Kunwar Singh  
Assistant Director

*Indoo Pandey Khanduri*

Prof. Indoo Pandey Khanduri  
Director

## SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to  
**Somesh Thapliyal**  
for successfully completing the four credit course  
**Functional Foods and Nutraceuticals**  
with a consolidated score of 80%  
from the evaluation based on continuous online assessments and the proctored  
examination held in month of September 2020.*



Roll No. : UK01010005

*This course was offered by **Dr. Rekha Sharma** of **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur***

Marks in Online Assignments		Marks in proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	50	100	80



J. B. Nadda  
National Coordinator  
Consortium for Educational Communication (CEC),  
New Delhi



Dr. Niraj Khaty  
Registrar  
Rashtrasant Tukadoji Maharaj  
Nagpur University



# SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**DR SOMESH THAPLIYAL**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Online Refresher Course in Pharmacy for Higher Education**

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

*Indian Institute of Technology (BHU) Varanasi*

Authorized Signatory of Institution (Course Coordinator)

Indian Institute of Technology (BHU) Varanasi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

[www.swayam.gov.in](http://www.swayam.gov.in)



## SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**HEMLATA BHATT**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Online Refresher Course in Pharmacy for Higher Education**

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

*Indian Institute of Technology (BHU) Varanasi*

Authorized Signatory of Institution (Course Coordinator)

Indian Institute of Technology (BHU) Varanasi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

[www.swayam.gov.in](http://www.swayam.gov.in)





## FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of MoE, Govt. of India)

HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY

(A Central University)

SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA

Online Short Term Training Program  
(Faculty Development Program)

ON

'Pedagogy of Digital Learning and New Education Policy'  
(January 19-25, 2021)

### CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Hemlata Bhatt from Department of Pharmaceutical Sciences, HNB Garhwal University, Srinagar Garhwal, Uttarakhand has successfully completed the Online Short Term Training Program on 'Pedagogy of Digital Learning and New Education Policy' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during January 19-25, 2021 under the PMMMNMTT scheme of MoE, Govt. of India.

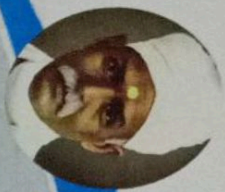
Dr. Somesh Thapliyal  
Assistant Director

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director



FDG/HNBGU/2021/PDLNEP/15



## FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of MoE, Govt. of India)

HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY

(A Central University)

SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



FDC/HNBGU/2021/VDHH/07

### Online Short Term Training Program

on

'Various Dimensions of Happiness and Holistic Health'

(February 19-25, 2021)

### CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Hemlata Bhatt from Department of Pharmaceutical Sciences, HNB Garhwal University, Srinagar Garhwal, Uttarakhand has successfully completed the Online Short Term Training Program on 'Various Dimensions of Happiness and Holistic Health' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during February 19-25, 2021 under the PMMMNMTT scheme of MoE, Govt. of India.

Dr. Somesh Thapliyal  
Assistant Director

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director



# SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**LALATENDU MOHANTY**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Online Refresher Course in Pharmacy for Higher Education**

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

*Indian Institute of Technology (BHU) Varanasi*

Authorized Signatory of Institution (Course Coordinator)

Indian Institute of Technology (BHU) Varanasi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

[www.swayam.gov.in](http://www.swayam.gov.in)



# FACULTY DEVELOPMENT CENTRE

Under PMMMNMTT Scheme of MHRD, Govt. of India  
**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



## One Week National Workshop on Research Methodology (December 10- 16, 2018)

### CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Lalatendu Mohanty from Department of Pharmaceutical Sciences, HNB Garhwal University, Srinagar (Garhwal), Uttarakhand has participated in the One Week National Workshop on Research Methodology for Teachers of Universities and Colleges during December 10 -16, 2018 organized by Faculty Development Centre, under PMMMNMTT scheme of MHRD, Govt. of India at HNB Garhwal University, Srinagar (Garhwal), Uttarakhand.

Date: December 16, 2018  
Place: Srinagar (Garhwal)

Prof. Indoo Pandey Khanduri  
Director



# SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**NITIN SATI**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Online Refresher Course in Pharmacy for Higher Education**

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

*Indian Institute of Technology (BHU) Varanasi*

Authorized Signatory of Institution (Course Coordinator)

Indian Institute of Technology (BHU) Varanasi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

[www.swayam.gov.in](http://www.swayam.gov.in)

FDC/HNBGU/2019/RC/26

## FACULTY DEVELOPMENT CENTRE



Under the PMMMNMTT Scheme of MHRD, Govt. of India  
**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



Refresher Course

on

**Multidisciplinary Approaches to Address Environmental Issues:  
Emerging Trends in Physical, Biological and Social Sciences**

(September 12-25, 2019)

This is to certify that Dr. Somesh Thapliyal from Department of Pharmaceutical Sciences, HNB Garhwal University, Srinagar Garhwal, Uttarakhand has successfully completed and obtained Grade ...**A**... in the Refresher Course on 'Multidisciplinary Approaches to Address Environmental Issues: Emerging Trends in Physical, Biological and Social Sciences' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during September 12-25, 2019 under the PMMMNMTT scheme of MHRD, Govt. of India.

Prof. Indoo Pandey Khanduri  
Director



**National Workshop**  
(Faculty Development Programme)  
(Through Online Mode)



Government of India  
Ministry of Human Resource  
Development

On  
**Managing Virtual Classrooms and Open  
Educational Resources**

Sr. No. 318

**June 24-29, 2020**

Organized by

Centre for Academic Leadership and Education Management (CALEM),  
Panjab University, Chandigarh  
under the Aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with  
SWAYAM Cell, Institute of Educational Technology and Vocational Education & University  
Business School, Panjab University, Chandigarh

**CERTIFICATE**

This is to certify that **Prof./ Dr./ Mr./ Ms. Somesh Thapliyal** from **HNB Garhwal University, Pauri Garhwal** has  
successfully completed FDP on "Managing Virtual Classrooms and Open Educational Resources".

Prof. Jatinder Grover  
Coordinator, CALEM  
Dean, Faculty of Education,  
Panjab University, Chandigarh.

Dr. Vishal Sharma,  
Programme Coordinator  
Coordinator, SWAYAM Cell,  
Panjab University, Chandigarh

Dr. Kanwalpreet Kaur,  
Programme Coordinator  
Chairperson, IETVE,  
Panjab University, Chandigarh

Dr. Tejinderpal Singh,  
Programme Coordinator  
University Business School,  
Panjab University, Chandigarh.

FDC/HNBGU/2018/RM- 33

## FACULTY DEVELOPMENT CENTRE

Under PMMMNMTT Scheme of MHRD, Govt. of India  
HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



### One Week National Workshop on Research Methodology (December 10- 16, 2018)

#### CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Somesh Thapliyal from Department of Pharmaceutical Sciences, HNB Garhwal University, Srinagar (Garhwal), Uttarakhand has participated in the One Week National Workshop on Research Methodology for Teachers of Universities and Colleges during December 10 -16, 2018 organized by Faculty Development Centre, under PMMMNMTT scheme of MHRD, Govt. of India at HNB Garhwal University, Srinagar (Garhwal), Uttarakhand.

Date: December 16, 2018  
Place: Srinagar (Garhwal)

  
Prof. Indoo Pandey Khanduri  
Director





University of Colorado  
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

07/08/2020

**Namrata Ghildiyal**

has successfully completed

**Fundamentals of Macroscopic and Microscopic  
Thermodynamics**

an online non-credit course authorized by University of Colorado Boulder and offered  
through Coursera

John W. Daily  
Department of Mechanical Engineering  
University of Colorado at Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/E9DLQZUAMD3U](https://coursera.org/verify/E9DLQZUAMD3U)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

**Verified**  
Certificate

**Harvard**X

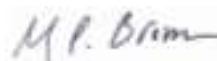
This is to certify that

**Namrata Ghildiyal**

successfully completed and received a passing grade in

**SPU27.1x: Science & Cooking: From Haute Cuisine to Soft Matter Science (chemistry)**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Michael Brenner  
Glover Professor of Applied Mathematics and Applied Physics  
Harvard University



David Weitz  
Professor of Physics & Applied Physics  
Harvard University



Pia Sörensen  
Senior Preceptor in Chemical Engineering and Applied Materials  
Harvard University



Verified Certificate  
Issued October 24, 2020

Valid Certificate ID  
[#052662383e-89e19e0923bb6c02ee09](#)



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

07/09/2020

**Namrata Ghildiyal**

has successfully completed

**Quantum Mechanics**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

A handwritten signature in black ink, appearing to read 'John W. Daily'.

John W. Daily  
Department of Mechanical Engineering  
University of Colorado at Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SFBC8KJ6UE6X](https://coursera.org/verify/SFBC8KJ6UE6X)  
Coursera has confirmed the identity of this individual and their participation in the course.

MANCHESTER  
1824

The University of Manchester

06/10/2020

Namrata Ghildiyal

has successfully completed

Introduction to Molecular Spectroscopy

an online non-credit course authorized by University of Manchester and offered through Coursera



Dr Patrick J O'Malley, DSc  
School of Chemistry  
The University of Manchester

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/MQYT8MUDHUV6](https://coursera.org/verify/MQYT8MUDHUV6)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

# Virtual Winter School on Computational Chemistry 2021

## CERTIFICATE

This is to certify that

**Dr. Namrata Ghildiyal**

(India)

presented a Single Figure Presentation (SFP)

### **Effect of Frontier Molecular Orbitals on The Fluorescence Response of Some Benzocrown Ethers**

at the Virtual Winter School  
on Computational Chemistry  
held between 15 and 18 February 2021

In name of the organising committee,  
Rebecca Ingle

*R. A. Ingle*



# COMPUTER SIMULATION AND THEORY OF MACROMOLECULES 2021

Online Workshop – April 23-24, 2021



Organizers: Volkhard Helms and Helmut Grubmüller

## Official Attendance Certificate

To whom it may concern,

We confirm that

**Namrata Ghildiyal**

H. N. B. Garhwal University, Department of Chemistry, Srinagar-Garhwal, India

has attended the online workshop **Computer Simulation and Theory of Macromolecules 2021** from April 23<sup>th</sup> 2021 to April 24<sup>th</sup> 2021 and presented the following Poster

**Title:** *A Comparative Study of Computational and Experimental Results of Spectral Investigation of Benzo-15-Crown-5*

Prof. Dr. V. Helms  
Hon.-Prof. Dr. H. Grubmüller  
(for the organization)  
April 27, 2021



Max Planck Institute for  
Biophysical Chemistry

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Volkhard Helms  
Saarland University  
Center for Bioinformatics  
Geb. 17.1  
66041 Saarbrücken, Germany  
Phone: +49 681 302 70701  
E-Mail: [volkhard.helms@bioinformatik.uni-saarland.de](mailto:volkhard.helms@bioinformatik.uni-saarland.de)

Helmut Grubmüller  
Max Planck Institute for Biophysical Chemistry  
Department of Theoretical and Computational  
Biophysics  
Am Fassberg 11  
37077 Göttingen, Germany  
Phone: +49 551 201 2300  
E-Mail: [hgrubmu@gwdg.de](mailto:hgrubmu@gwdg.de)



# AMITY UNIVERSITY

## JHARKHAND

### Certificate of Participation

This is to certify that

**Dr. Namrata Ghildiyal**

has actively participated in the

**Five-day Long Online Faculty Development Program (FDP) on 'Research Skill Enhancement'**

organized by

**Research and Development Cell of Amity University Jharkhand, Ranchi**

from 21st June' 2021 to 25th June' 2021.

**Dr. Jayeeta Chattopadhyay**  
Coordinator- R&D Cell- AUJ

**Prof. (Dr.) Ajit Kr. Pandey**  
Director, AUJ

**Prof. (Dr.) Raman Kr. Jha**  
Vice-Chancellor, AUJ



# FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of MHRD, Govt. of India)

HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY

(A Central University)

SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA

## One Week Online Short Term Training Program (Faculty Development Program)

On

'Emerging Trends in E-learning: Catalyst for Reforming Higher Education'  
(December 10-16, 2020)

FDC/HNBGU/2020/ETE/43



### CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Jitendra** from **Department of Chemistry, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand** has successfully completed the One Week Online Short Term Training Program on 'Emerging Trends in E-learning: Catalyst for Reforming Higher Education' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during December 10-16, 2020 under the PMMMNMTT scheme of MHRD, Govt. of India.

Dr. Somesh Thapliyal  
Assistant Director

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director



HRDC7467122021



UNIVERSITY GRANTS COMMISSION  
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)  
**JAWAHARLAL NEHRU UNIVERSITY**



UGC - SPONSORED REFRESHER COURSE (ONLINE)

*This is to certify that*

*Dr. Jitendra, Assistant Professor*

*Department of Chemistry, Hemvati Nandan Bahuguna Garhwal University,  
Srinagar Garhwal, Uttarakhand*

has successfully completed the Refresher Course in  
E-Learning & E-Governance (Interdisciplinary)

held from 18th October, 2021 to 1st November, 2021 and obtained Grade..... **A only**

**Prof. Ravikesh & Dr. Sheetal Sharma**  
Course Coordinators

**Prof. Brajesh Kumar Pandey**  
Director

**Prof. M. Jagadesh Kumar**  
Vice Chancellor

Place : New Delhi  
Date : 01/11/2021



# SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**PRASANTA KUMAR HOTA**

*for successfully completing the ARPIT Course for*

*Career Advancement Scheme(CAS) promotion*

**Online Refresher Course In Chemistry For Higher Education**

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

*Sri Guru Tegh Bahadur Khalsa College, University of Delhi*

Authorized Signatory of Institution (Course Coordinator)  
Sri Guru Tegh Bahadur Khalsa College, University of Delhi

Authorized Signatory of AICTE

Date of Issue : 30/06/2020

[www.swayam.gov.in](http://www.swayam.gov.in)



## SWAYAM ARPIT ONLINE COURSE CERTIFICATION

*This Certificate is awarded to*

**PRASANTA KUMAR HOTA**

*For successfully completing the ARPIT course for  
Career Advancement Scheme(CAS) promotion*

**X-RAY CRYSTALLOGRAPHY**

*From 1st Dec 2020 to 31st March 2021*

*With a Grade "B" in the proctored examination held on 21/08/2021*

**INDIAN INSTITUTE OF SCIENCE BANGALORE**

Authorised Signatory Of Institution (Course Coordinator)  
INDIAN INSTITUTE OF SCIENCE BANGALORE

Authorised Signatory Of AICTE



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



This is to certify that

**Dr. Namrata Ghildiyal**

of

Department of Chemistry, H. N. B. Garhwal University, Srinagar-Garhwal  
has successfully completed one week Faculty Development Programme on

**“Open Source Tools for Research”**

from 09 - 15 December, 2021 and obtained

Grade A+.



Blockchain Hash: [0x1100caa17c5b9048e03aff404c7b423e894cab1e118aed26953c8b4da2a29c6](https://www.blockchain.com/tx/0x1100caa17c5b9048e03aff404c7b423e894cab1e118aed26953c8b4da2a29c6)

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

Dr. Sachin Tomer  
(Convener)  
Ramanujan College



Teaching Learning Centre, Ramanujan College  
University of Delhi

In collaboration with  
Shri Shankarlal Sundarbai Shasun Jain College for Women, Tamilnadu  
under the aegis of  
MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

**Dr. Namrata Ghildiyal**

of

H. N. B. Garhwal University, Srinagar-Garhwal, Uttarakhand  
has successfully attended and completed one week Faculty Development Programme on  
“Developing Moocs: Concepts and Tools”  
from 16 - 22 December, 2021  
and obtained Grade A+.



Blockchain Hash: [0xf6dc0ecb12ae8cbede3ac15910a3a01e5af7ec89a21896ca8e8a2b74d9150902](https://www.blockchain.com/transaction/0xf6dc0ecb12ae8cbede3ac15910a3a01e5af7ec89a21896ca8e8a2b74d9150902)

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

Dr. S. Padmavathi  
(Principal)  
Shri Shankarlal Sundarbai Shasun Jain College for Women

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



FDC/HNBSGU/2022/RTSM/41

# FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of MoE, Govt. of India)

**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**

(A Central University)

SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA

## Online Short Term Training Program (Faculty Development Program)

On

**'Resource, Time & Stress Management' (With Special Reference to NEP-2020)**

**(February 22-28, 2022)**

### CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Jitendra** from **Department of Chemistry, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand** has successfully completed the Online Short Term Training Program on 'Resource, Time & Stress Management' (With Special Reference to NEP-2020) for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during February 22-28, 2022 under the PMMMNMTT scheme of MoE, Govt. of India.

Dr. Somesh Thapliyal  
Assistant Director

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director





Guru Angad Dev  
Teaching Learning Centre  
A Centre of Ministry of Education  
under PMMMNMTT



सत्यमेव जयते  
Government of India  
Ministry of Education



Sri Guru Tegh Bahadur  
Khalsa College  
University of Delhi

# Certificate

**FACULTY DEVELOPMENT PROGRAM**

19<sup>th</sup> July to 25<sup>th</sup> July 2022

**SAFER AND GREENER CHEMISTRY LABS**

This is to certify that

**PRASANTA KUMAR HOTA, H N B GARHWAL UNIVERSITY SRINAGAR GARHWAL**

has **successfully completed One-Week Online National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, a Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, SGTB Khalsa College, University of Delhi. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, assignments and project. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

Prof. Jaswinder Singh  
Principal, S.G.T.B Khalsa College  
University of Delhi

Prof. Vimal Rarh  
Project Head & Joint Director  
GAD-TLC of Ministry of Education

सत्यमेव जयते

UNIQUE CERTIFICATE NO.: OFDP-87/022



Guru Angad Dev  
Teaching Learning Centre  
A Centre of Ministry of Education  
under PMMMNMTT



सत्यमेव जयते  
Government of India  
Ministry of Education



Sri Guru Tegh Bahadur  
Khalsa College  
University of Delhi

# Certificate

**FACULTY DEVELOPMENT PROGRAM**

**31<sup>st</sup> May to 06<sup>th</sup> June 2022**

***Basics of Research Methodology and Issues in Plagiarism (An Interdisciplinary Approach)***

This is to certify that

**PRASANTA KUMAR HOTA, H N B GARHWAL UNIVERSITY SRINAGAR (GARHWAL)**

has **successfully completed One-Week Online National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, a Centre under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education and Department of Business Economics, SGTB Khalsa College, University of Delhi. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to one week face to face FDP. The one week's involvement included attendance during live/recorded sessions, hands on activities, submission of quizzes, and assignments. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

**Prof. Jaswinder Singh**  
Principal, S.G.T.B Khalsa College  
University of Delhi

**Prof. Vimal Rarh**  
Project Head & Joint Director  
GAD-TLC of Ministry of Education

**UNIQUE CERTIFICATE No: OFDP-83/159**



## FACULTY DEVELOPMENT CENTRE

Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)



Hemvati Nandan Bahuguna Garhwal University (A Central University)  
Srinagar (Garhwal), Uttarakhand

ONE WEEK SHORT-TERM COURSE FOR TEACHERS IN HIGHER EDUCATION-03  
on  
**OPEN EDUCATIONAL RESOURCES IN HIGHER EDUCATION (OERHE)**  
(4<sup>th</sup> - 9<sup>th</sup> September 2017)

### CERTIFICATE OF PARTICIPATION

Certified that *Dr. Mahesh Chandra Purohit, Assistant Professor in Department of Chemistry, BGR Campus (Pauri) of HNB Garhwal University, Srinagar (Garhwal), Uttarakhand* participated in the Short-Term Course held at Academic Activity Center, Chauras Campus from 4<sup>th</sup> to 9<sup>th</sup> September, 2017.

*O.P. Gusain*

Prof. O.P. Gusain

Director

*J.L. Kaul*

Prof. J.L. Kaul

Vice-Chancellor



## FACULTY DEVELOPMENT CENTRE

Under PMMMNMTT Scheme of MHRD, Govt. of India  
**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



### Short Term Training Program

On

'Computational Techniques in Research Methodology for Sciences and Social Sciences'  
(July 25-31, 2019)

## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Mahesh Chandra Purohit** from **Department of Chemistry, HNB Garhwal University, BGR Campus, Pauri (Garhwal), Uttarakhand** has successfully completed the Short Term Training Program on '*Computational Techniques in Research Methodology for Sciences and Social Sciences*' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during **July 25-31, 2019** under the PMMMNMTT scheme of MHRD, Govt. of India.

*RSingh*

**Dr. Rahul Kunwar Singh**  
Assistant Director

*Indoo Pandey Khanduri*

**Prof. Indoo Pandey Khanduri**  
Director



# INDIRA GANDHI UNIVERSITY, MEERPUR, REWARI

(A State University Established under Haryana Act No. 29 of 2013)

Ref No: IGU/FDP/2020/26

## FACULTY DEVELOPMENT PROGRAMME ON MOOCS AND MOODLE BASED LEARNING MANAGEMENT SYSTEM (June 15-22, 2020)

### CERTIFICATE OF PARTICIPATION

*This is to certify that **Dr. Archana Shah**, Associate Professor of SRT Campus, HNB Garhwal University (A Central University) has participated in Faculty Development Programme on "MOOCs and MOODLE Based Learning Management System" from June 15-22, 2020 through online mode organized by Indira Gandhi University, Meerpur, Rewari.*

Dr. Ishwar Sharma  
FDP Convener

Prof. Tej Singh  
FDP Director

Date: 22 June, 2020



**Department of Home Science**  
**University of Calcutta**  
Organized:  
**International Webinar Series, 2020**  
on the occasion of  
**National Nutrition Month, 2020**  
**CERTIFICATE OF PARTICIPATION**

This certificate acknowledges

**Dr. Archana Shah**

of

**SRT Campus, HNB Garhwal University**

has participated in the International webinar series, 2020 on the occasion of National Nutrition Month, 2020 during 01.09.20 to 07.09.20, organised by Department of Home Science, University of Calcutta. Her/his active participation in the webinar was well appreciated.

*Pubali Dhar*

**Dr. Pubali Dhar**  
Convenor and Head,  
Associate Professor,  
Department of Home Science,  
University of Calcutta

*Purba Chattopadhyay*

**Dr. Purba Chattopadhyay**  
Organizing Secretary,  
Assistant Professor,  
Department of Home Science,  
University of Calcutta

*Annalakshmi Chatterjee*

**Dr. Annalakshmi Chatterjee**  
Organizing Secretary,  
Assistant Professor,  
Department of Home Science,  
University of Calcutta

जिला शिक्षा एवं प्रशिक्षण संस्थान टिहरी गढ़वाल  
नई टिहरी, उत्तराखण्ड

प्रमाण-पत्र

प्रमाणित किया जाता है कि

डा० अर्चना शाह, एसोसिएट प्रोफेसर

हेमवती नंदन बहुगुणा गढ़वाल केंद्रीय विश्वविद्यालय,


एस०आर०टी० कैम्पस, बादशाहीथौल, टिहरी गढ़वाल,

द्वारा दिनांक 07 सितम्बर, 2020 से 11 सितम्बर, 2020 तक जिला शिक्षा एवं प्रशिक्षण संस्थान टिहरी गढ़वाल, नई टिहरी (उत्तराखण्ड) में “पांच दिवसीय शोध प्रविधि प्रशिक्षण” में मुख्य संदर्भदाता के रूप में प्रतिभाग किया गया।

मैं इनके उज्ज्वल भविष्य की कामना करता हूँ।

दिनांक : 11 सितम्बर, 2020

  
(देवेन्द्र सिंह भण्डारी)  
सह समन्वयक

  
(मीनाक्षी त्यागी)  
कार्यक्रम समन्वयक

  
(चेतन प्रसाद नौटियाल)  
प्राचार्य  
जिला शिक्षा एवं प्रशिक्षण संस्थान  
टिहरी गढ़वाल, नई टिहरी



## Capacity Building Programme for School Teachers

Organized by

School of Education, H.N.B. Garhwal University

(A Central University)

at S.R.T. Campus, Badshahi Thaul, Tehri Garhwal, Uttarakhand

(Under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching)

(PMMMNMTT), MHRD, Govt. of India



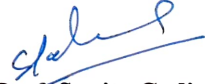
**MHRD**  
GOVERNMENT OF INDIA

### **CERTIFICATE**

*This is to Certify that Dr./ Mr./ Ms.....Dr. Archana Shah.....acted as Resource Person/ Participant/ Member of organizing committee in the One Week Capacity Building Programme for School Teachers held on February 25<sup>th</sup> - March 2<sup>nd</sup>, 2019 at School of Education, H.N.B. Garhwal University (A Central University), S.R.T. Campus, Badshahi Thaul, Tehri Garhwal, Uttarakhand.*

  
Prof. R.C. Ramola  
Chairperson

  
Prof. P.K. Joshi  
Coordinator  
(PMMMNMTT)

  
Prof. Sunita Godiyal  
Organizing Secretary



सत्यमेव जयते

Department of Science & Technology  
Ministry of Science & Technology  
Government of India



भारतीय वन्यजीव संस्थान  
Wildlife Institute of India

## *Certificate*

This to certify that

*Dr. Archana Shah*

has participated in the Department of Science and Technology,  
Government of India sponsored training workshop on  
*"Biodiversity Conservation"*  
conducted by Wildlife Institute of India, Dehradun  
from 19<sup>th</sup> – 23<sup>rd</sup> March, 2018

(Dr. Ruchi Badola)  
Course Coordinator

(Dr. Y.V. Jhala)  
Dean

## FACULTY DEVELOPMENT CENTRE

Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)



Hemvati Nandan Bahuguna Garhwal University (A Central University)  
Srinagar (Garhwal), Uttarakhand

ONE WEEK SHORT-TERM COURSE FOR TEACHERS IN HIGHER EDUCATION-03  
on  
**OPEN EDUCATIONAL RESOURCES IN HIGHER EDUCATION (OERHE)**  
(4<sup>th</sup> - 9<sup>th</sup> September 2017)

### CERTIFICATE OF PARTICIPATION

Certified that *Dr. Mahesh Chandra Purohit, Assistant Professor in Department of Chemistry, BGR Campus (Pauri) of HNB Garhwal University, Srinagar (Garhwal), Uttarakhand* participated in the Short-Term Course held at Academic Activity Center, Chauras Campus from 4<sup>th</sup> to 9<sup>th</sup> September, 2017.

*O.P. Gusain*

Prof. O.P. Gusain

Director

*J.L. Kaul*

Prof. J.L. Kaul

Vice-Chancellor





## FACULTY DEVELOPMENT CENTRE

Under PMMMNMTT Scheme of MHRD, Govt. of India  
**HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



### Short Term Training Program

On

'Computational Techniques in Research Methodology for Sciences and Social Sciences'  
(July 25-31, 2019)

## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Mahesh Chandra Purohit** from **Department of Chemistry, HNB Garhwal University, BGR Campus, Pauri (Garhwal), Uttarakhand** has successfully completed the Short Term Training Program on '*Computational Techniques in Research Methodology for Sciences and Social Sciences*' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during **July 25-31, 2019** under the PMMMNMTT scheme of MHRD, Govt. of India.

*RSingh*

**Dr. Rahul Kunwar Singh**  
Assistant Director

*Indoo Pandey Khanduri*

**Prof. Indoo Pandey Khanduri**  
Director



## NeW IPR-2022

### One Week National e-Workshop on Innovation & Intellectual Property Rights

Innovative Technology Enabling Centre (InTEC)  
CSIR-Institute of Minerals and Materials Technology, Bhubaneswar-751013

# CERTIFICATE OF PARTICIPATION

This is to certify that Sarla Saklani of HNB Garhwal University Srinagar Garhwal, Uttarakhand has participated in the NeW IPR 2022 e-Workshop organized by Innovative Technology Enabling Centre (InTEC), CSIR-IMMT, Bhubaneswar during June 13-18, 2022

**Dr. T. Pavan Kumar, Convener**  
NeW IPR 2022 e-Workshop

**Dr. A.K. Sahu, CEO-InTEC**  
CSIR-IMMT, Bhubaneswar

**Prof. S. Basu, Director**  
CSIR-IMMT, Bhubaneswar



Amar Sewa Mandal's  
**KAMLA NEHRU MAHAVIDYALAYA**

(Reaccredited A+ Grade with CGPA 3.53)



WANJARRI GROUP  
REGULATED EDUCATION

**Organizes**

**National Level One-Week Faculty Development Programme on**

**RESEARCH METHODOLOGY**

*Certificate of Participation*

*This is to certify that*

*Dr. Sarla Saklani*

*of H.N.B. Garhwal University Srinagar Garhwal , uttarakhand*

*has participated in National Level one week Faculty Development Programme on Research Methodology, from 26th April to 1st May 2021 organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur.*

Certificate no: **2QKSIY-CE003417**

**Adv. Abhijit Wanjarri**  
MLC & Secretary  
Amar Sewa Mandal, Nagpur

**Dr. D. S. Badwaik**  
Principal  
Kamla Nehru Mahavidyalaya, Nagpur

**Prof. W. B. Gurnule**  
Convenor, FDP  
Kamla Nehru Mahavidyalaya, Nagpur



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE  
UNIVERSITY OF HYDERABAD

Hyderabad - 500 046



CERTIFICATE OF PARTICIPATION

This is to certify that Dr. MEERA RAWAT, Assistant Professor in Department of Physics, Hemvati Nandan Bahuguna Garhwal University (A Central), Srinagar Garhwal, Uttarakhand has successfully completed two weeks online **Refresher Course in Physics** organized by the Human Resource Development Centre, University of Hyderabad from 05<sup>th</sup> to 17<sup>th</sup> December, 2022 and obtained grade 'A'.

Dr. Bhawna Gomber, Dr. Soma Sanyal & Dr. Ramachandrarao Yalla  
Course Coordinators

Certificate ID: HRDCRCSOP54

Y. Narasimhulu  
Director

Grade 'A+'  
85% and above

Grade 'A'  
84% to 70%

Grade 'B'  
69% to 60%

Grade 'C'  
59% to 50%

Grade 'F'  
less than 49%



FACULTY DEVELOPMENT CENTRE

(under the PMMMNMTT Scheme of NHRD, Government of India)  
HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA

Online Short Term Training Program

On

'Strategies for Implementation of National Education Policy 2020'  
(December 28, 2021 - January 03, 2022)

FDC/HNBGU/2022/SINEP/47



CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Meera Rawat from Department of Physics, HNB Garhwal Central University, Srinagar Garhwal, Uttarakhand has successfully completed the Online Short Term Training Program on 'Strategies for Implementation of National Education Policy 2020' for the Teachers of Universities and Colleges organized by Faculty Development Centre, established under PMMMNMTT scheme of MoE, Government of India, at HNB Garhwal University, during December 28, 2021 - January 03, 2022.

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director



E-Certificate No.  
S. No./21-22/SRC-TE-I-186

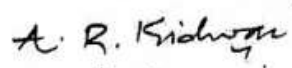


**University Grants Commission**  
**Human Resource Development Centre (HRDC)**  
**Aligarh Muslim University, Aligarh**  
**UGC Sponsored Online Refresher Course**

This is to certify that

Mr./Ms./Dr. **MEERA RAWAT**, Assistant Professor, Department of Physics, Department of Physics, Hemwati Nandan Bahuguna Garhwal University, Srinagar Pauri Garhwal (Uttarakhand) participated in the On-Line **Subject Refresher Course in Teacher Education\* (open to all)** from **03 August 2021 to 16 August 2021** organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh and obtained Grade-'A+'.

  
Course Coordinator

  
Director

  
Registrar



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



This is to certify that

**Dr. Alok Sagar Gautam**

of

Department of Physics, HNB Garhwal University Srinagar Garhwal Uttarakhand  
has successfully completed ONLINE TWO - WEEK REFRESHER COURSE in


**"PHYSICS"**


from 28 July – 11 August, 2022 and obtained

Grade **A**.



Blockchain Hash: [21c7e1909d41703e911186487c4f104c0b4e6d112e0f212e0e47a3b1288f7d2](https://www.blockchain.com/transaction/21c7e1909d41703e911186487c4f104c0b4e6d112e0f212e0e47a3b1288f7d2)

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

  
Dr. Nikhil Kumar Rajput  
(Convenor)  
Ramanujan College

Reference No. HRDC/BC/ 14

e-certificate

Date 30/11/2020



University Grants Commission  
Human Resource Development Centre (HRDC)



**GURU NANAK DEV UNIVERSITY, AMRITSAR**

**UGC-Sponsored Online Refresher Course (Inter/Multi-Disciplinary)**

This is to certify that Dr./Mr./Ms. Nick Sagar Gautam


Designation Asstt. Professor (Physics) at Hemvati Nandan Bahuguna Garhwal University, Srinagar, Garhwal (Uttarakhand)-246174

affiliated to Hemvati Nandan Bahuguna Garhwal University

participated in the Online Refresher Course in Environment Conservation (Inter/Multi-disciplinary) conducted from 17-11-2020 to 30-11-2020 and obtained grade 88

  
Prof. (Dr.) Anand Pal Singh  
Director

  
Dr. Manpreet S. Bhatti  
Co-ordinator

  
Prof. (Dr.) Jazal Singh Sandhu  
Vice Chancellor

Dr. Rekha Naithani

# FACULTY DEVELOPMENT CENTRE (FDC)

Under the MHRD Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching  
(PMMNMTT)



Hemvati Nandan Bahuguna Garhwal University (A Central University)  
Srinagar (Garhwal), Uttarakhand

## NATIONAL WORKSHOP

on

## ROLE OF OPEN EDUCATIONAL RESOURCES IN HIGHER EDUCATION (ROERHE)

(15-17 December, 2017)

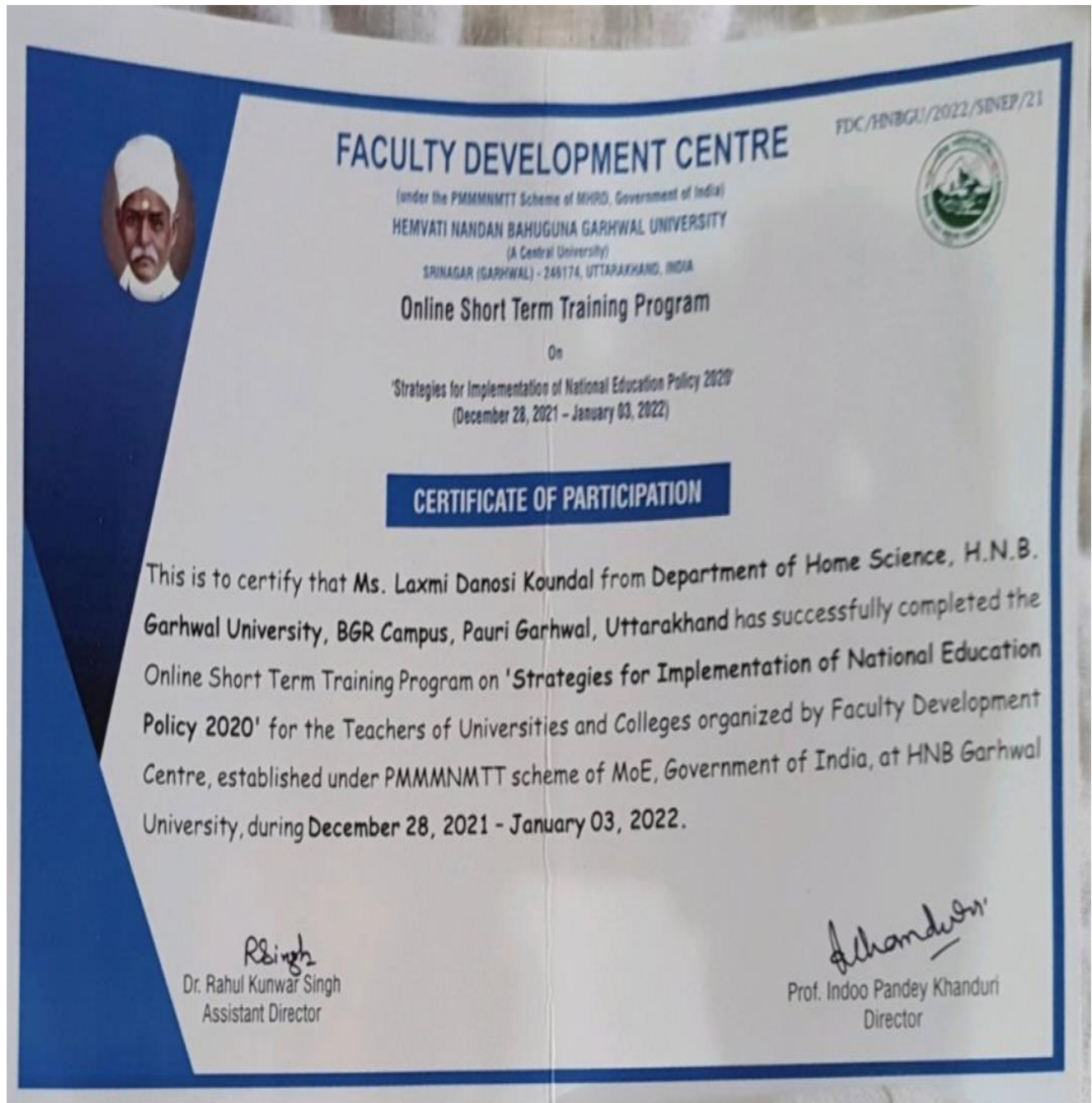
### CERTIFICATE OF PARTICIPATION

Certified that *Dr. Rekha Naithani, Associate Professor in Deptt. of Home Science, BGR Campus, HNBGU, Pauri* participated in the National Workshop held at Academic Activity Centre, Chauras Campus from 15-17 December, 2017.

*Ambrakesh Gusain*  
Prof. O.P. Gusain

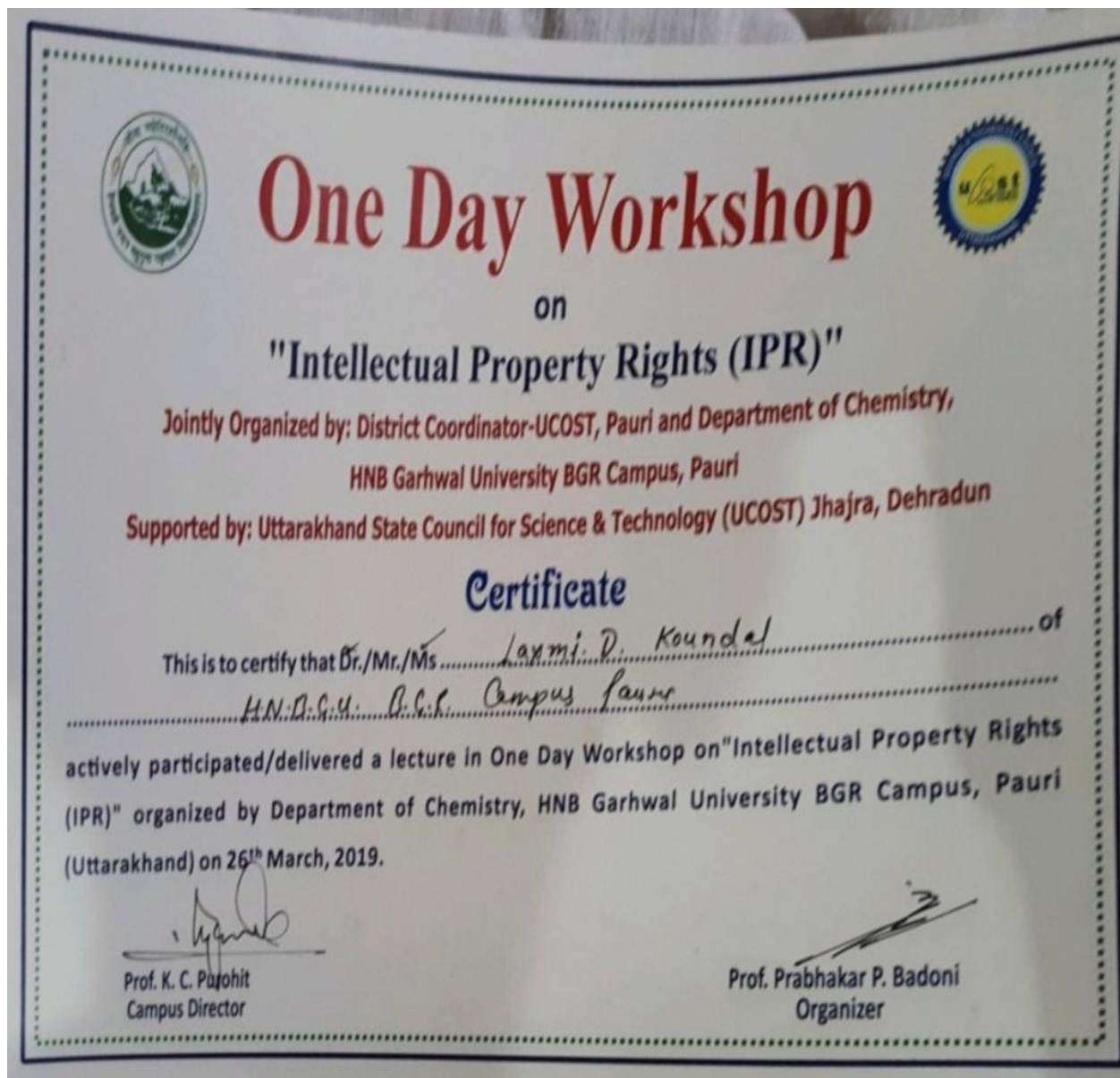
*J.L. Kaul*  
Prof. J.L. Kaul  
Vice-Chancellor

Laxmi D. Koundal





Laxmi D. Koundal



FDC/HNBGU/2019/CTRM/01



## FACULTY DEVELOPMENT CENTRE

Under PMMMNMTT Scheme of MHRD, Govt. of India  
HEMVATI NANDAN BAHUGUNA GARHWAL UNIVERSITY  
(A Central University)  
SRINAGAR (GARHWAL) - 246174, UTTARAKHAND, INDIA



### Short Term Training Program

On

'Computational Techniques in Research Methodology for Sciences and Social Sciences'

(July 25-31, 2019)

## CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. U.S.Negi** from **Department of Mathematics, HNB Garhwal University, S.R.T. Campus Badshahi-Thaul, Tehri Garhwal, Uttarakhand**, has successfully completed the Short Term Training Program on '*Computational Techniques in Research Methodology for Sciences and Social Sciences*' for the Teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during **July 25-31, 2019** under the PMMMNMTT scheme of MHRD, Govt. of India.

Dr. Rahul Kunwar Singh  
Assistant Director

Prof. Indoo Pandey Khanduri  
Director

S.N.: CSFDP0776



**KAYPEEYES**  
College of Arts & Science  
Kotagiri, The Nilgiris

## Certificate of Participation



**Spoken Tutorial**  
Ministry of Human Resources  
And Development, Govt., of India

This is to certify that **Dr.KAILASH CHANDRA PETWAL** participated in online Faculty Development Programme organised by **Department of Computer Science, Kaypeeyes College of Arts & Science, Kotagiri, The Nilgiris** association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt., of India from 29-04-2020 to 01-05-2020.

The Faculty Development Programme included a demonstration with hands on exposure in **Moodle Learning Management System.**

**Mr.P.Philemon Dass**  
FDP-Coordinator

**Mrs.K.Indira Kumari**  
HOD-CS



**Dr.Renu Thomas M.Sc., M.Phil., Ph.D.,**  
Principal  
Kaypeeyes College of Arts & Science  
Kotagiri, The Nilgiris



Resilient India - Disaster Free India



Onlinenidm/000554



**Global Facility for Disaster Reduction and Recovery, World Bank  
and  
National Institute of Disaster Management, New Delhi**

**award this certificate to**

***Dr Alok Sagar Gautam***

***for successful completion***

***of***

***on-line course on***

***Comprehensive Disaster Risk Management Framework***

***22 Sep - 09 Nov 2020, New Delhi***

***Prof Dr. Surya Parkash***

*Administrator,*

*NIDMGFDRR Online courses*

***Major General Manoj Kumar Bindal***

*Executive Director*

*National Institute of Disaster Management*



**Teaching Learning Centre, Ramanujan College  
University of Delhi**

in Collaboration with

DEPARTMENT OF PHYSICS

Harish Chandra Post Graduate College, Varanasi, Uttar Pradesh

And

DEPARTMENT OF PHYSICS,

Hemvati Nandan Bahuguna Garhwal University, Srinagar, Garhwal, Uttarakhand

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



सत्यमेव जयते

Ministry of Education  
Government of India

This is to certify that

**Dr. Manish Uniyal**

of

H.N.B. Garhwal University (A Central University), Srinagar (garhwal)-246174, Uttarakhand

has successfully completed ONLINE TWO - WEEK REFRESHER COURSE IN

“PHYSICS”

from 27 October – 10 November, 2021

and obtained Grade A+.



Blockchain Hash: [0x69ba0d7ba9b87f8a470a84dbb6e3b02ab061687dade498fc8430baca102f519f](https://www.blockchain.com/transaction/0x69ba0d7ba9b87f8a470a84dbb6e3b02ab061687dade498fc8430baca102f519f)

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

Prof. Anil Pratap Singh  
(Principal)  
Harish Chandra PG College

Prof. T.C. Upadhyay  
(Convenor)  
HNB Garhwal University



**This is to certify that**

**Dr Alok Sagar Gautam**

**of**

**Hemvati Nandan Bahuguna Garhwal University, Uttarakhand**

**has undergone Innovation Ambassador training (Advanced Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.**

**Prof. Anil D. Sahasrabudhe**  
**Chairman, AICTE**

**Dr. Abhay Jere**  
**CIO, MoE's, Innovation Cell**

Date of Issue: 30-07-2021

E-certificate No : 3113



**Hemvati Nandan Bahuguna Garhwal University**  
(A Central University)  
Srinagar (Garhwal), Uttarakhand

***Certificate***

*This is to certify that Dr. Maneesh Uniyal, Department of Physics attended the training programme for faculty members entitled "Ethics and Values in Public Governance" organized by Internal Quality Assurance Cell*

*(IQAC) at Academic Activity Centre, Chauras Campus from May 28 to 29, 2017.*

*The programme was conducted by Mr. Krishna Mohan, IAS (Retd.), a certified National Trainer (Department of Personnel and Training, Govt. of India).*

(Prof. O.P. Gusain)

Director IQAC

(Prof. J.L. Kaul)

Vice-Chancellor

# FACULTY DEVELOPMENT CENTRE

Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT)



Hemvati Nandan Bahuguna Garhwal University (A Central University)  
Srinagar (Garhwal), Uttarakhand

ONE WEEK SHORT-TERM COURSE FOR TEACHERS IN HIGHER EDUCATION-03

## ON OPEN EDUCATIONAL RESOURCES IN HIGHER EDUCATION (OERHE) (4<sup>th</sup> - 9<sup>th</sup> September 2017)

### CERTIFICATE OF PARTICIPATION

Certified that *Dr. Manish Uniyal*, Research Officer in Department of Physics of HMB Garhwal University, Srinagar (Garhwal), Uttarakhand participated in the Short-Term Course held at Academic Activity Center, Chauras Campus from 4<sup>th</sup> to 9<sup>th</sup> September, 2017.

*Dr. O.P. Gusain*

Prof. O.P. Gusain  
Director

*J.L. Kaul*  
Prof. J.L. Kaul  
Vice-Chancellor

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**NATIONAL INSTITUTE OF DISASTER MANAGEMENT**  
(Ministry of Home Affairs, Govt. of India)  
New Delhi

**CERTIFICATE**

This is to certify that

**Dr. ALOK SAGAR GAUTAM**

has participated in the 5-days **“Faculty Development Programme: Teachers’ Training on Disaster Management”** from 21<sup>st</sup> to 25<sup>th</sup> September 2020 organized by **National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India** in collaboration with **Pondicherry University**

**Prof. Gurmeet Singh**  
VC, Pondicherry University

**Dr. Surya Parkash**  
Prof. and Head GMR Division, NIDM

**Maj Gen Manoj Kumar Bindal, VSM**  
Executive Director, NIDM