

F-1

Ravi Kumar

[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]

[Signature]

[Signature]

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Certificate No. IQAC/NOAC/MSD/Training/2020/01/01/01



Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)
Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify Dr. R.M. SHARDAWAL, Associate Professor, Department of History, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 30, 2020.

[Signature]

Dr. Manoj Saxena
IQAC Coordinator

[Signature]

Dr. Hema Choudhary
Officiating Principal

[Signature]

[Signature]

F-2

As 2

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Ravi Kumar

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Pratibha

Pratibha

Pratibha

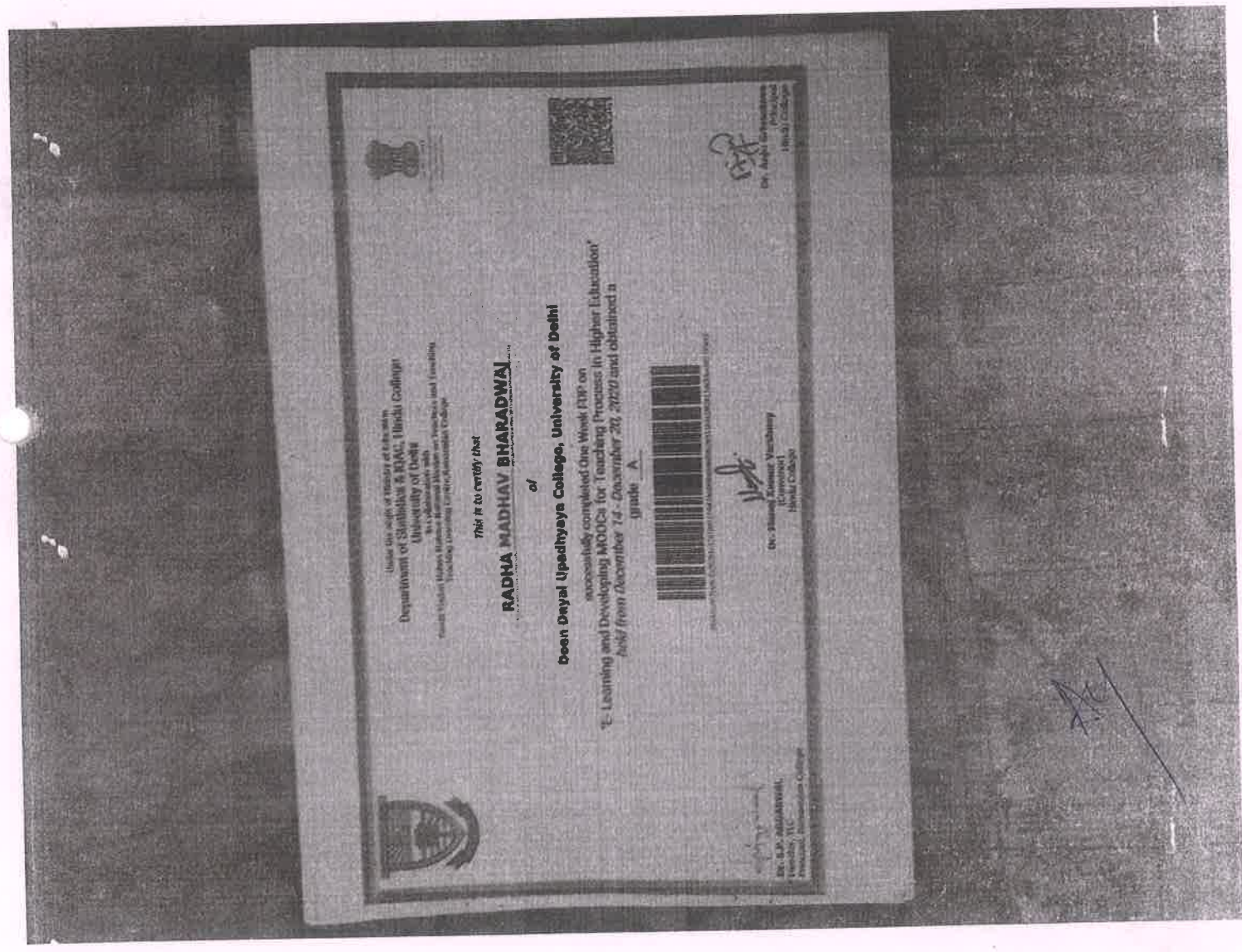
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2



Pr



DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

in association with **K.T.H.M. COLLEGE, NASHIK**

National One Week Online Faculty Training Program
under Internal Quality Assurance Cell & DBT Star College Program

3rd – 10th August, 2020

PEDAGOGICAL TRAINING FOR EFFECTIVE ONLINE TEACHING & LEARNING



CERTIFICATE OF COMPLETION



FTP039
.....

DR ANINA JAMES

from

DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

This is to certify that

successfully completed the National One Week Online Faculty Training Program on
"Pedagogical Training for Effective Online Teaching & Learning" organized by DEEN
DAYAL UPADHYAYA COLLEGE (University of Delhi) & K. T. H. M. COLLEGE, NASHIK under
Internal Quality Assurance Cell & DBT Star College Program from 3rd to 10th August,
2020.

Officialting Principal
Deen Dayal Upadhyaya College
(University of Delhi-78)

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. Shailly Anand
Convenor

Dr. Renu Solanki
Convenor

Dr. Manoj Saxena
Coordinator - IQAC

Dr. H. C. Jain
Principal

Dr. Kalpesh Amrutkar
Convenor

Dr. N. D. Gaikwad
Coordinator - IQAC

Dr. V. B. Gaikwad
Principal

Deen Dayal Upadhyaya College (University of Delhi, Delhi) —

K. T. H. M. College (Nashik, Maharashtra)

Ravi Kumar

F-4

Certificate No. IQAC/DOUJ/2020/Training Programs/BIS-Teams/50



Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)
Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify Dr. Kapil, Assistant Professor, Department of Chemistry, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 30, 2020.


Dr. Manoj Saxena
IQAC Coordinator


Dr. Hem Chand Jain
Officiating Principal


Pratik


Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector 3, Vasant Vihar, New Delhi-78


Ravi Kumar






Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)

4



S. No.: FDP28040

F-5



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

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

Kapil Bohra

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

Two week (Online) Faculty Development Programme on
"Transformation in Higher Education: Issues and Road
Ahead"

(28th September- 12th October, 2020)

organised by

Government Degree College for Women, Anantnag

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi.

Dr. Ali Mohammad Dar
Principal, Government Degree
College for Women, Anantnag

Dr. Jyoti Bhola
Coordinator, MHRFDC

Prof. Rama
Chairperson, MHRFDC

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-14, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



S.No. FDP30053



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

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

Kapil Bohra

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

*One week (Online) Faculty Development Programme on
"Moving Towards New Normal through Effective Online Teaching"
(1st December - 7th December, 2020)*

organised by

Kalindi College, University of Delhi

in collaboration with

**Mahatma Hansraj Faculty Development Centre
Hansraj College, University of Delhi.**

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. Nidhi Arora
FDP Convener,
Kalindi College

Dr. Jyoti Bhola
Coordinator, MHRFDC

Prof. Rama
Chairperson, MHRFDC

Rani Kumar

Dr. Jyoti Bhola

Dr. Nidhi Arora

Prof. Rama

Dr. Jyoti Bhola



Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)
Organized

Online Faculty Training Program on Microsoft Teams
July 27-29, 2020

Certificate of Participation

This is to certify Dr. Jyoti, Assistant Professor, Department of Chemistry, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 30, 2020.

Dr. Manoj Saxena
IQAC Coordinator

Dr. Hem Chand Jain
Officiating Principal

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

F-8



DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

in association with **K.T.H.M. COLLEGE, NASHIK**

National One Week Online Faculty Training Program
under Internal Quality Assurance Cell & DBT Star College Program

3rd - 10th August, 2020



PEDAGOGICAL TRAINING FOR EFFECTIVE ONLINE TEACHING & LEARNING

CERTIFICATE OF COMPLETION



FTP106

This is to certify that **DR. JYOTI** from
DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

successfully completed the National One Week Online Faculty Training Program on
"Pedagogical Training for Effective Online Teaching & Learning" organized by DEEN
DAYAL UPADHYAYA COLLEGE (University of Delhi) & K. T. H. M. COLLEGE, NASHIK under
Internal Quality Assurance Cell & DBT Star College Program from 3rd to 10th August,
2020.

Dr. Shailly Anand
Convenor

Dr. Renu Solanki
Convenor

Dr. Manoj Saxena
Coordinator

Dr. Kalpesh Amrutkar
Convenor

Dr. N. D. Gaikwad
Coordinator - IQAC

Dr. V. B. Gaikwad
Principal

Dr. Shailly Anand
Convenor

Dr. Manoj Saxena
Coordinator

Dr. Kalpesh Amrutkar
Convenor

Dr. N. D. Gaikwad
Coordinator - IQAC

Dr. V. B. Gaikwad
Principal

Deen Dayal Upadhyaya College (University of Delhi, Delhi) — K. T. H. M College (Nashik, Maharashtra)

Deen Dayal Upadhyaya College
University of Delhi

Dr. Shailly Anand
Dr. Renu Solanki
Dr. Manoj Saxena
Dr. Kalpesh Amrutkar
Dr. N. D. Gaikwad
Dr. V. B. Gaikwad



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

[Signature]
Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-110002

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

Jyoti

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

*Two week (Online) Faculty Development Programme on
"Transformation in Higher Education: Issues and Road
Ahead"*

(28th September- 12th October, 2020)

organised by

***Government Degree College for Women, Anantnag
in collaboration with***

***Mahatma Hansraj Faculty Development Centre
Hansraj College, University of Delhi.***

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]
Dr. Ali Mohammad Dar
Principal, Government Degree
College for Women, Anantnag

[Signature]
Dr. Jyoti Bhola
Coordinator, MHRFDC

[Signature]
Prof. Rama
Chairperson, MHRFDC

[Signature]

[Signature]
Ravi Kumar

[Signature]

[Signature]



S.No. FDP30050



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

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

Iyoti

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

One week (Online) Faculty Development Programme on
"Moving Towards New Normal through Effective Online Teaching"
(1st December - 7th December, 2020)

organised by

Kalindi College, University of Delhi

in collaboration with

**Mahatma Hansraj Faculty Development Centre
Hansraj College, University of Delhi.**

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. Nidhi Arora
FDP Convener,
Kalindi College

Dr. Jyoti Bhola
Coordinator, MHRFDC

Prof. Rama
Chairperson, MHRFDC

Ravi Kumar



DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

in association with **K.T.H.M. COLLEGE, NASHIK**

National One Week Online Faculty Training Program
under Internal Quality Assurance Cell & DBT Star College Program

3rd - 10th August, 2020

PEDAGOGICAL TRAINING FOR EFFECTIVE ONLINE TEACHING & LEARNING



CERTIFICATE OF COMPLETION



FTP153

This is to certify that from

DR. REEMA CHHABRA

DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

successfully completed the National One Week Online Faculty Training Program on "Pedagogical Training for Effective Online Teaching & Learning" organized by DEEN DAYAL UPADHYAYA COLLEGE (University of Delhi) & K. T. H. M. COLLEGE, NASHIK under Internal Quality Assurance Cell & DBT Star College Program from 3rd to 10th August, 2020.

Dr. Shailly Anand

Dr. Shailly Anand
Convenor

Dr. Renu Solanki

Dr. Renu Solanki
Convenor

Dr. Manoj Saxena

Dr. Manoj Saxena
Coordinator - IQAC

Dr. H. C. Jain

Dr. H. C. Jain
Principal

Dr. Kalpesh Amrutkar

Dr. Kalpesh Amrutkar
Convenor

Dr. N. D. Gaikwad

Dr. N. D. Gaikwad
Coordinator - IQAC

Dr. V. B. Gaikwad

Dr. V. B. Gaikwad
Principal

Deen Dayal Upadhyaya College (University of Delhi), Delhi

K. T. H. M College (Nashik, Maharashtra)

Deen Dayal Upadhyaya College

(University of Delhi)

Sector-3, Dwarka, New Delhi-78

Coordinator

Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Dr. Shailly Anand

Dr. Renu Solanki

Dr. Manoj Saxena

Dr. H. C. Jain

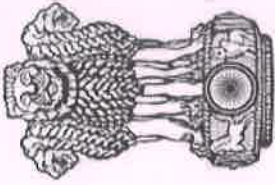
Dr. Kalpesh Amrutkar

Dr. N. D. Gaikwad

Dr. V. B. Gaikwad



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



S.G.T.B. Khalsa College,
University of Delhi

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM
12-20 September 2020

Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content

This is to certify that

DR. REEMA CHHABRA , DEEN DAYAL UPADHYAYA COLLEGE

has successfully completed One Week National Faculty Development Program organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. This was conducted in online mode with one week's involvement spread across one month 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.

Dr. Jaswinder Singh
Principal

S.G.T.B. Khalsa College, University of Delhi

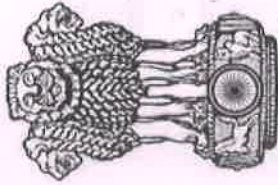
Dr. Arvind Varsh

National Coordinator
GAD TLC of MHRD

UNIQUE CERTIFICATE No: GAD-TLC/2020-21/OEDP17-123



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



S.G.T.B. Khalsa College,
University of Delhi

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM

27 October - 02 November 2020

Towards Quality Higher Education through NEP-2020

This is to certify that

DR. REEMA CHHABRA , DEEN DAYAL UPADHYAYA COLLEGE

has **successfully completed One Week National Faculty Development Program** organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD. 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

Officiating Principal

Deen Dayal Upadhyaya College
(University Sector)

Dr. Jaswinder Singh
Principal

S.G.T.B. Khalsa College, University of Delhi

Dr. Anil Kumar
National Coordinator
GAD TLC of MHRD

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University

UNIQUE CERTIFICATE No:GAD-TLC/20-21/ OFDPP26-007



Guru Angad Dev
Teaching Learning Centre
A Centre of MoE
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Education



Christ College (Autonomous)
Irinjalakuda

Certificate

3rd November 2020 to 09th November 2020
FACULTY DEVELOPMENT PROGRAM

On

Quality Science Education in India in the 21st Century

This is to certify that

DR. REEMA CHHABRA, DEEN DAYAL UPADHYAYA COLLEGE

has successfully completed One Week National Online Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of Ministry of Education (MoE) and Christ College (Autonomous), Irinjalakuda, Kerala. This was conducted in online mode with full One Week commitment through Live Sessions, Quizzes, Project and Assignment. This Online FDP is equivalent to One week face to face FDP. The participant has obtained GRADE **A+** as required for promotion under CAS of UGC and AICTE.


Dr. Jassinder Singh
Principal
S.G.T.B. Khalsa College
University of Delhi


Dr. P. J. Anand
Principal
Christ College (Autonomous)
Irinjalakuda


Dr. Vinod Kari
National Coordinator
GAD TLC of MoE

UNIQUE CERTIFICATE No: GAD-TLC/2020-21/DFDP27/FDP137

15

F-16



S.No. FDP30087



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

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

Reema Chhabra

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

One week (Online) Faculty Development Programme on
"Moving Towards New Normal through Effective Online Teaching"
(1st December - 7th December, 2020)

organised by

Kalindi College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi.

Arora

Dr. Nidhi Arora
FDP Convener,
Kalindi College

Jyoti Bhola

Dr. Jyoti Bhola
Coordinator, MHRFDC

Rama

Prof. Rama
Chairperson, MHRFDC

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Rani Kumar



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify **Dr. POONAM GARG**, Associate Professor, Department of Mathematics, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 29, 2020.

Prakruti

Dr. Manoj Saxena

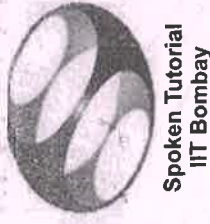
IQAC Coordinator

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Hem Chand Jain

Officializing Principal

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)



CERTIFICATE OF PARTICIPATION

This is to certify that

Poonam Garg

participated in 5 days International Faculty Development Program (FDP) on SCILAB for Academics and Research organized by Department of Mathematics, School of Physical Sciences, DIT University, Dehradun, Uttarakhand in association with IIT Bombay Spoken Tutorials (An initiative of National Mission on Education through ICT, MHRD, Government of India) from August 10, 2020 to August 14, 2020.



Officialing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Jogendra Kumar
Co-Convenor

Dr. Rakesh Mohan
Convener

Dr. Naresh Mohan Chadha
Dean, School of Physical Sciences

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College

17



S.No.: FDP28096



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

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

Sunny Manohar

from

Deen Dayal Upadhyaya College, University Of Delhi

has participated in

Two week (Online) Faculty Development Programme on

"Transformation in Higher Education: Issues and Road

Ahead"

(28th September- 12th October, 2020)

organised by

Government Degree College for Women, Anantnag

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi.

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Ali Mohammad Dar
Principal, Government Degree
College for Women, Anantnag

Dr. Jyoti Bhola
Coordinator, MHRFDC

Prof. Rama
Chairperson, MHRFDC



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

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

Sunny Manohar

from

Deen Dayal Upadhyaya College, University of Delhi

has participated in

*One week (Online) Faculty Development Programme on
"Moving Towards New Normal through Effective Online Teaching"*

(1st December - 7th December, 2020)

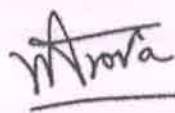
organised by

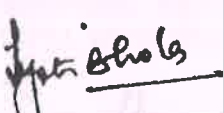
Kalindi College, University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi.


Dr. Nidhi Arora
FDP Convener,
Kalindi College


Dr. Jyoti Bhola
Coordinator, MHRFDC


Prof. Rama
Chairperson, MHRFDC

Certificate No. IQAC/DDUC/2020/Training Program/MS-Teams/23



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify DR. PRIYA GOEL, Assistant Professor, Department of Zoology, Deen Dayal Upadhyaya College (University

of Delhi) for attending the Online Faculty Training Program on Microsoft Teams Organized by Internal Quality Assurance

Cell (IQAC), Deen Dayal Upadhyaya College (University of Delhi) held on July 27-29, 2020.

Dr. Manoj Saxena
IQAC Coordinator

Dr. Hem Chand Jain
Officiating Principal

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



Ministry of Human Resource Development
Pandit Madan Mohan Malaviya National Mission on Teachers' Education

Teaching Learning Centre

Ramanujan College

University of Delhi

And

IQAC, Shivaji College

University of Delhi

Certificate

This is to certify that

Dr. Priya Goel

of

Department of Zoology, Deen Dayal Upadhyaya College
(University of Delhi)

successfully completed One Week Online Faculty Development Program
"ICT ENHANCED TEACHING LEARNING AND RESEARCHING MODELS"

August 18 - August 25, 2020

and obtained grade **A+**



S. P. Aggarwal

Dr. S.P. AGGARWAL
(Principal)
Director, TLC
Ramanujan College

Dr. R.K. Sahdev

Dr. R.K. Sahdev
Principal
Shivaji College

*Officially signed by Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78*

Am

Coordinator

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Prakash

Ravi Kumar

F-26



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify **DR. VARNIKA BHATIA**, Assistant Professor, Department of Botany, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 28, 2020.

Prakruti
Dr. Manoj Saxena
IQAC Coordinator

[Signature]

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]

Dr. Hem Chand Jain
Officiating Principal
Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



SRM Institute of Science and Technology

(Deemed to be University u/s 3 of UGC Act, 1956)
SRM Nagar, Kattankulathur - 603203



Interdisciplinary Institute of Indian System of Medicine (IIISM)
Directorate of Research

Certificate

VARNIKA BHATIA

has participated in the Webinar on “Authentication Services in Herbal Medicine; principles and prospects to prevent fraudulence in the herbal market” held on 19 & 20th November 2020.



Prof. K. Ramasamy
Director-Research



Prof. B. Neppolian
Dean-Research



Dr. R.C. Satish Kumar
Coordinator-IIISM



Dr. Senthilkumar Umapathy
Convenor-IIISM



S.No. FDP31138



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

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

Varnika Bhatia

from

Deen Dayal Upadhyaya College, University of Delhi

has successfully completed

One week (Online) Faculty Development Programme on
"E-content Generation and Managing Online Teaching"

(11th December - 17th December, 2020)

organised by

Sri Aurobindo College (E), University of Delhi

in collaboration with

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi

Office
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Kusum Lata

Dr. Kusum Lata
Principal,
Sri Aurobindo College (E)

Jyoti Bhola

Dr. Jyoti Bhola
Coordinator, MHRFDC

Rama

Prof. Rama
Chairperson, MHRFDC

Prashant
Ravi Kumar
Shruti
Shruti
Shruti



विज्ञान संकाय
दिल्ली विश्वविद्यालय
FACULTY OF SCIENCE
UNIVERSITY OF DELHI

Unit - I, Porta Cabin, Near Department of Zoology, University of Delhi, Delhi - 110007, Ph. : 27666601, 27662825, email- sciencefacultyof@gmail.com

Ref.: FOS-I/114/2019/ 8579

Dated: 19.11.2019

The Head
Department of Botany,
University of Delhi
New Delhi-110007.

Sir,

This is with reference to your letter no. Bot/19/493 dated 16/17.09.2019 in connection with to recognise following teacher as supervisor to guide Ph.D. scholars.

In this connection, this is to inform you that the Board of Research Studies (Science) in its meeting held on 23.10.2019 considered & approved the following teacher as supervisors to guide Ph.D. scholars.

Sr. No.	Name	Recommended
1.	Dr. Varnika Bhatia, Assistant Professor, Deen Dayal Upadhyaya College, University of Delhi	Supervisor

Yours faithfully

Section Officer

Copy to:

1. Dr. Varnika Bhatia, Assistant Professor, Department of Botany, Deen Dayal Upadhyaya College, University of Delhi, Sector-3, Dwarka, New Delhi-110078.

Section Officer



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Dr. Varnika Bhatia

of

Deen Dayal Upadhyaya College, University of Delhi, Delhi

successfully completed One Week Faculty Development Programme on
"TRANSFORMING LIFESTYLE THROUGH YOGA DARSHAN & ITS FUNCTIONAL
MODES"

from November 20- November 26, 2020 and obtained a
grade A+



Blockchain Hash: 0x381c2aab9937eca85ca44accdeaa8c91c02d57b51b789b488edf8c3a636f6e19a



Ravi Kumar

Prakruti

S.P. Aggarwal

Dr. S.P. AGGARWAL
(Principal)

Anupam K

Dr. Anupam Kumar
(Convenor)

Shikha Singh

Dr. Shikha Singh
(Convenor)

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



MINISTRY OF
**SOCIAL JUSTICE
AND EMPOWERMENT**

**my
GOV**
मेरी सरकार

PREAMBLE TO CONSTITUTION



WE, THE PEOPLE OF INDIA,
having solemnly resolved to constitute India
into a **SOVEREIGN SOCIALIST SECULAR DEMOCRATIC
REPUBLIC** and to secure to all its citizens:
JUSTICE, social, economic and political;
LIBERTY of thought, expression, belief, faith and worship;
EQUALITY of status and of opportunity;
and to promote among them all
FRATERNITY assuring the dignity of the individual and
the unity and integrity of the Nation;
IN OUR CONSTITUENT ASSEMBLY this 26th day of
November, 1949, do **HEREBY ADOPT, ENACT AND GIVE
TO OURSELVES THIS CONSTITUTION.**



I have read the Preamble and will abide by it.



Varnika Bhatia
Signature

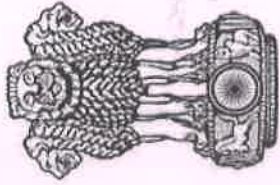


02-12-2020

F-29



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



S.G.T.B. Khalsa College,
University of Delhi

Certificate

UNIQUE CERTIFICATE No:

GAD-TLC/2020-21/OFDPI/OFDPI1205

ONE WEEK FACULTY DEVELOPMENT PROGRAM

21st-26th May 2020

Multimedia enriched e- Content Development

This is to certify that

DR. RAVINDER KAUR of DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

has **successfully completed** One Week Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD.

This was conducted in online mode with full week's commitment through live sessions, quizzes, project and Assessment. This is equivalent to one week face to face FDP.

The participant has obtained GRADE "A+" as required for promotion under CAS of UGC and

-sd-

Dr Vimal Rarh
National Coordinator
GAD TLC of MHRD

Official Principal
Deen Dayal Upadhyaya College
(University of Delhi-7E
Sector D, Jaspinder Singh
New Delhi-110029)

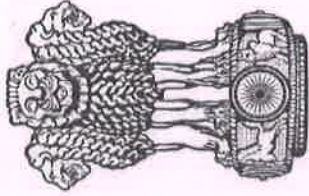
Principal

S.G.T.B. Khalsa College, University of Delhi

(This is a computer generated certificate. No signature is required)



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
undre PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource Development



St. John's College, Agra

Certificate

23rd June – 27th June 2020

UNIQUE CERTIFICATE No:
GAD-TLC/2020-21/OFDP7/7239

ONE WEEK FACULTY DEVELOPMENT PROGRAM

“Development of Careers in Higher Education in India in the 21st Century”

This is to certify that DR. RAVINDER KAUR of Deen Dayal Upadhyaya College

has **successfully completed** One Week Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD in collaboration with St. John's College, Agra. This was conducted in online mode with full One Week commitment through Live Sessions, Quizzes, Project and Assessment. This is equivalent to One week face to face FDP.

The participant has obtained GRADE “A” as required for promotion under CAS of UGC and AICTE.

Prof. S. P. Singh
Principal
St. John's College, Agra

Dr. Susan Jaison
Event Coordinator
St. John's College, Agra

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Vimal Rathi
National Coordinator
GAD TLC of MHRD

(This is a computer generated certificate. No signature is required)

Coordinator

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

सत्यमेव जयते



DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

in association with **K.T.H.M. COLLEGE, NASHIK**

National One Week Online Faculty Training Program

under Internal Quality Assurance Cell & DBT Star College Program

3rd - 10th August, 2020



PEDAGOGICAL TRAINING FOR EFFECTIVE ONLINE TEACHING & LEARNING

CERTIFICATE OF COMPLETION



FTP152

This is to certify that **DR. RAVINDER KAUR** from
DEEN DAYAL UPADHYAYA COLLEGE

successfully completed the National One Week Online Faculty Training Program on
"Pedagogical Training for Effective Online Teaching & Learning" organized by DEEN
DAYAL UPADHYAYA COLLEGE (University of Delhi) & K. T. H. M. COLLEGE, NASHIK under
Internal Quality Assurance Cell & DBT Star College Program from 3rd to 10th August,
2020.

Shaily Anand
Dr. Shaily Anand
Convenor

Renu Solanki
Dr. Renu Solanki
Convenor

Manoj Saxena
Dr. Manoj Saxena
Coordinator - IQAC

H. C. Jain
Dr. H. C. Jain
Principal

Kalpesh Amrutkar
Dr. Kalpesh Amrutkar
Convenor

N. D. Gaikwad
Dr. N. D. Gaikwad
Coordinator - IQAC

V. B. Gaikwad
Dr. V. B. Gaikwad
Principal

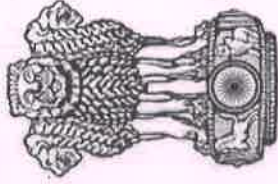
Deen Dayal Upadhyaya College (University of Delhi, Delhi) — **K. T. H. M College (Nashik, Maharashtra)**

Internal Quality Assurance Cell (IQAC)

College



**Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT**



सत्यमेव जयते
Government of India
Ministry of Human Resource Development

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM
11 - 17 October 2020

Learning Management System (MOODLE) For Online Teaching-Learning

This is to certify that

DR. RAVINDER KAUR, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

has successfully completed One Week National Faculty Development Program organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. This was conducted in online mode with one week's involvement spread across one month 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.

Dr. Jaswinder Singh
Principal

S.G.T.B. Khalsa College, University of Delhi



**S.G.T.B. Khalsa College,
University of Delhi**

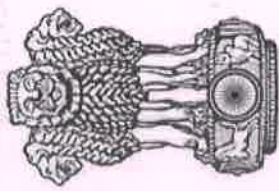
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka New Delhi-76

Dr. Anil Varsh
National Coordinator
GAD TLC of MHRD

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



**Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT**



**सत्यमेव जयते
Government of India
Ministry of Human Resource Development**



**S.G.T.B. Khalsa College,
University of Delhi**

Certificate

**ONE WEEK FACULTY DEVELOPMENT PROGRAM
27 October - 02 November 2020**

Towards Quality Higher Education through NEP-2020

This is to certify that

DR. RAVINDER KAUR, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

has successfully completed One Week National Faculty Development Program organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD. 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

Officialing Principal

Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-75

**Dr. Jaswinder Singh
Principal**

S.G.T.B. Khalsa College, University of Delhi

**Dr. Arvind Kaur
National Coordinator
GAD TLC of MHRD**

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



ATAL BIHARI VAJPAYEE UNIVERSITY BILASPUR (C.G.)



CERTIFICATE

This is to certify that RAJAN GUPTA of DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI has participated in one week online Faculty Development Programme (FDP) on "Moodle Learning Management System" organized by Atal Bihari Vajpayee University, Bilaspur in association with IIT, Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 12 May, 2020 to 17 May, 2020.

Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Jeetendra Kumar
Jeetendra Kumar
Coordinator

Prof. Sudhir Sharma
Prof. Sudhir Sharma
Registrar

G. D. Sharma
G. D. Sharma
Vice Chancellor





Government of India
Ministry of Human Resource
Development

*Teaching Learning Centre
Ramanujan College
University of Delhi*

Sponsored by
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA
NATIONAL MISSION ON TEACHERS AND TEACHING

Certificate

This is to certify that

Dr. Rajan Gupta

of

Deen Dayal Upadhyaya College, University of Delhi

successfully completed Two Weeks Faculty Development Programme on
"MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0"
from May 18 - June 03, 2020.



Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. S.P. AGGARWAL
(Principal)
Director, TLC
Ramanujan College

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. NIKHIL RAJPUT
(Convenor)
Assistant Director, TLC
Ramanujan College

Ranjit Kumar

32 F-36



ICTACADEMY

CERTIFICATE OF PARTICIPATION

C.No: 020-193518

Date: 18 Jun 2020

DR. RAJAN GUPTA

Deen Dayal Upadhyaya College, University of Delhi

has participated in 9 Hours of Faculty Development Program on

Fundamentals of Machine Learning (Online Live FDP)

conducted by ICT Academy on 12 Jun 2020 to 18 Jun 2020



Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr B Anbuthambi
President, ICT Academy

B. Anbuthambi

Signature

Pratibha

Ravi Kumar



Internal Quality Assurance Cell (IQAC)

ATMA RAM SANATAN DHARMA COLLEGE

(University of Delhi)

Accredited Grade 'A' By NAAC

All India 13th Rank in NIRF (MHRD)

Certificate No: RMTT/ARSD/152

In Collaboration with

TEACHING LEARNING CENTER, RAMANUJAN COLLEGE

(University of Delhi)

Certificate of Participation

This is to certify that Ms./Mr./Dr. DEEPA KAMRA from DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI has participated in the One Week Online Faculty Development Programme on **"RESEARCH METHODOLOGY: TOOLS & TECHNIQUES"** under Pandit Madan Mohan Malviya National Mission on Teachers and Training Scheme of

MHRD, Govt. of India held from 5th-11th June, 2020 at ARSD College, University of Delhi.

V. Tuli
(DR. VINITA TULI)
CONVENER

S. P. Aggarwal
(DR. S. P. AGGARWAL)
PRINCIPAL
RAMANUJAN COLLEGE, UNIVERSITY OF DELHI

Gyantosh Kumar Jha
(DR. GYANTOSH KUMAR JHA)
PRINCIPAL
ARSD COLLEGE, UNIVERSITY OF DELHI

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Deen Dayal Upadhyaya College
Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector 3, Dwarka, New Delhi-75



F-38



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Deepa Kamra

of

**Department of Management Studies, Deen Dayal Upadhyaya College,
University of Delhi**

successfully completed a 2-Week Faculty Development Programme on
"MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0"
from July 25 - August 10, 2020 and obtained
grade A+



Blockchain Hash: 0x88a7c8df952246253db21329bd43101c833953ec6229e4e2f8521f6096776db5

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

Mr. Sahil Pathak
Convenor
Ramanujan College

Internal Quality Assurance Cell (IQAC)
Coordinator

University of Delhi

34

No:ATAL/2020/1600664551



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

AICTE Training And Learning (ATAL) Academy

Certificate

This is certified that **Deepa Kamra**, Assistant Professor of Deen Dayal Upadhyaya College, University of Delhi participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Productivity enhancement" from 2020-10-13 to 2020-10-17 at University of Allahabad.

[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi



[Signature]

Director ATAL Academies

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Handwritten signatures and notes at the bottom of the page, including 'Ravi Kumar' and 'Pratik']

F-41
36



Government of India
Ministry of Human Resource
Development

*Teaching Learning Center
Ramanujan College
University of Delhi*

Sponsored by
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA
NATIONAL MISSION ON TEACHERS AND TEACHING

Certificate

This is to certify that

Dr. Sudhir Verma

of

**Department of Zoology, Deen Dayal Upadhyaya College,
University of Delhi**

successfully completed Two Weeks Faculty Development Programme on
"MANAGING ONLINE CLASSES and CO-CREATING MOOCS 2.0"
from May 18 - June 03, 2020.



S.P. Arora

Dr. S.P. ARORA
(Principal)
Director, TLC
Ramanujan College

N. Rajput

Dr. NEELIL RAJPUT
(Convener)
Assistant Director, TLC
Ramanujan College

[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-76

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[Signature]

[Signature]

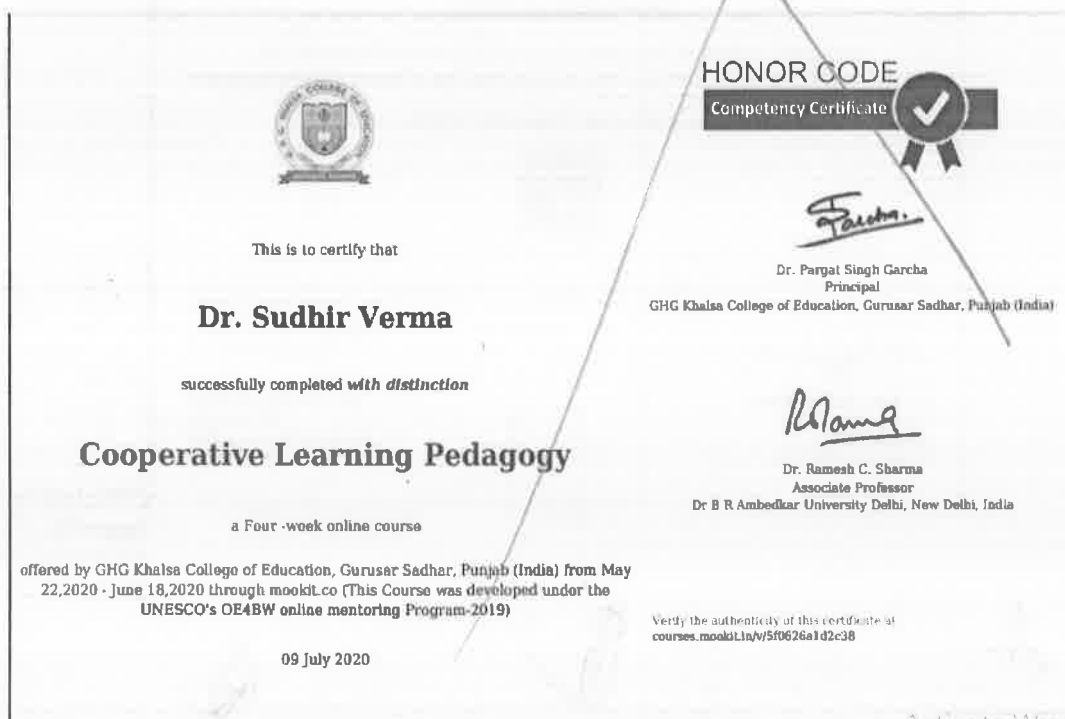
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]

[Signature]

Ravi Kumar

[Signature]





Ministry Of Education
Government Of India



Ministry of Education

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

Teaching Learning Centre
Ramanujan College
(University of Delhi)

and

Indian Accounting Association, NCR Chapter

2 Weeks Refresher Course

On

DATA ANALYSIS WITH STATISTICAL METHODS

(Sharpening Skills in Statistical Analysis through MS-Excel, SPSS, MATLAB and R)

(21st December, 2020 - 3rd January, 2021)

Certificate

This is to certify that **SANDEEP**
of **DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI** has
participated and successfully completed
2 Weeks Refresher Course on Data Analysis With Statistical Methods



Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-76

(Dr S.P. Aggarwal)
Principal,

(Dr. J. L. Gupta)
Secretary, IAA, NCR Chapter
Member, Executive Council,
University of Delhi

F-44



Teaching Learning Centre, Ramanujan College
University of Delhi

under the aegis of
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



Ministry of Human Resource Development

This is to certify that

SANDEEP

of

**DEPARTMENT OF PHYSICS, DEEN DAYAL UPADHYAYA COLLEGE,
UNIVERSITY OF DELHI**

successfully completed a 2-Week Faculty Development Programme on
"RESEARCH METHODOLOGY"

from October 01- October 15, 2020 and obtained a
grade **A**



Blockchain Hash: 0x848cd4ee36b2a204463f11c16c8a9f0a4c310583d0f31867e79e1e353f69f3d

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Mr. Sahil Pathak
Convenor
Ramanujan College

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

Internal Quality Assurance Cell
University of Delhi



F-45
39

Ministry of Human Resource Development
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

Teaching Learning Centre

Ramanujan College

University of Delhi

And

Department of Computer Science, Ram Lal Anand College

University of Delhi

Certificate

This is to certify that

Anuja Soni

of

Deen Dayal Upadhyaya college, university of Delhi

successfully completed One Week Faculty Development Programme on
"Introduction to Machine Learning in Research (Concepts and Practical
Use)"

October 10 - October 18, 2020

and obtained grade **A+**



Dr. S.P. AGGARWAL
(Principal)
Director, TLC
Ramanujan College

Dr. Rakesh Kumar Gupta
Principal
Ram Lal Anand College

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Pr
Ravi Kumar



**DEPARTMENT OF MICROBIOLOGY
SACRED HEART COLLEGE (AUTONOMOUS),
TIRUPATTUR - 635 601, TAMIL NADU, INDIA**

In association with
MICROBIOLOGISTS SOCIETY, INDIA
&
WESTERN RIO JANEIRO STATE UNIVERSITY (UEZO), BRAZIL

CERTIFICATE OF COMPLETION

is awarded to

Dr. RENU SOLANKI

*Assistant Professor, Department of Zoology, Deen Dayal Upadhyaya
College, University of Delhi, Delhi, India*

for participating in the Four week International Faculty Development
Online Certificate Course on **"MEDICAL BACTERIOLOGY"** organized
by the Department of Microbiology, Sacred Heart College
(Autonomous), Tirupattur, Tamil Nadu, India in association with
Microbiologists Society, India and Laboratory of Chemical and
Biological Analysis (LAQB), Western Rio Janeiro State University
(UEZO), Rio de Janeiro, Brazil from 1st - 30th June 2020 and has
successfully completed with **DISTINCTION**.

Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

P. Saranraj

Dr. P. Saranraj
*Head, Dept. of Microbiology,
Sacred Heart College (Autonomous)
Tirupattur, India*

Dr. A. M. Deshmukh

Dr. A. M. Deshmukh
*President
Microbiologists Society,
India*

Dr. Alexander Machado Cardoso

Dr. Alexander Machado Cardoso
*Pro-Rector of Research & Post Graduate,
Laboratory of Environmental Biotechnology,
Western Rio Janeiro State University, Brazil*

Rev. Dr. D. Maria Antony Raj
*Principal
Sacred Heart College (Autonomous)
Tirupattur, India*



UGC - Human
Resource
Development
Centre



Savitribai
Phule Pune
University

This is to Certify that
Dr. Solanki Renu, Assistant Professor at
Deen Dayal Upadhyaya College, affiliated to
University of Delhi has participated in Online
Short Term Faculty Development Programme
On Effective Ways To Develop E-Content For
Teaching Learning (Ecology) of Ten Days
duration (60 contact hours) conducted by M.V.P.
Samaj's K.R.T. Arts, B.H. Commerce and
A.M. Science (K.T.H.M.) College,
Nashik from 21/05/2020 to 30/05/2020 under the
auspices of UGC - Human Resource
Development Centre, Savitribai Phule Pune
University, Pune 411007, on Self Financed basis.

[Signature]

COORDINATOR

[Signature]

PRINCIPAL

[Signature]

DIRECTOR

[Signature]

REGISTRAR
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-

2005100309

" WE GALVANIZE ATTITUDE "

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify **DR. RENU SOLANKI**, Assistant Professor, Department of Zoology, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on **July 28, 2020**.

Renu Kumar

Dr. Manoj Saxena
IQAC Coordinator

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Hem Chand Jain
Officiating Principal

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

One Week Interdisciplinary
ONLINE FACULTY DEVELOPMENT PROGRAMME

on

TEACHER, TEACHING AND TEACHER EDUCATION: PROCESSES, CONCERNS AND PROSPECTS

October 18-23, 2020

Certificate

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

From DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI.....
has participated in One Week Interdisciplinary Online Faculty Development Programme on 'Teacher, Teaching And Teacher Education: Processes, Concerns And Prospects' organized by Department of Elementary Education & Internal Quality Assurance Cell (IQAC), Mata Sundri College for Women, University of Delhi, Delhi in collaboration with Teaching Learning Centre for Social Science (TLCSS), Doctor Harisingh Gour Vishwavidyalaya (A Central University), Sagar (M.P.) under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMNTT), Ministry of Education, Government of India, New Delhi. *S/he has completed the course successfully and obtained grade A+.*

Anurag

Dr. Sanjay Sharma
Coordinator, TLC

Dr. Harisingh Gour V.V. Sagar (ALP)

Afreen Khan

Dr. Afreen Khan
Coordinator, FDP

Dr. Harisingh Gour V.V. Sagar (ALP)

Ravneet

Dr. Ravneet Kaur
Coordinator, FDP

Mata Sundri College for Women
University of Delhi

Lokesh Kr. Gupta

Dr. Lokesh Kr. Gupta
Coordinator, IQAC

Mata Sundri College for Women
University of Delhi

Harpreet Kaur

Prof. Harpreet Kaur
Principal

Mata Sundri College for Women
University of Delhi

FDP/TLC/PMMNMNTT/OCT20/179

F-49

93



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

(University of Delhi)

Organized

Online Faculty Training Program on Microsoft Teams

July 27-29, 2020

Certificate of Participation

This is to certify **Dr. POONAM KASTURI**, Associate Professor, Department of Electronics, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on **July 28, 2020**.

Dr. Manoj Saxena
IQAC Coordinator

Dr. Hem Chand Jain
Officiating Principal



CERTIFICATE OF COMPLETION

Dr. Poonam Kasturi

Deen Dayal Upadhyaya College, University of Delhi

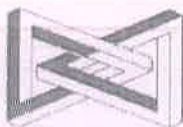
has successfully completed the **10 Days Faculty Deveopment Program on
Creating E-Content and Using LMS** organized by Scrollwell w.e.f. February 26,
2021 – March 07, 2021.


Kashish
Co-Founder, Scrollwell

Certificate Id: SW/CERT/2021/2655

Date: March 08, 2021

F-5
95



Stefan Banach International Mathematical Center
Institute of Mathematics of the Polish Academy of Sciences



Warsaw, 03.09.2020

ATTENDANCE CONFIRMATION

To whom it may concern,

Hereby I confirm that **Dinesh Kumar (Deen Dayal Upadhyaya College, University of Delhi, India)** participated in an online conference entitled: **"On geometric complexity of Julia sets - II "**, held at the Institute of Mathematics of The Polish Academy of Sciences for the period of August, 24-27, 2020.

[Signature]
Officiating
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-75

Prof. Adam Skalski
Scientific Director
Institute of Mathematics
of the Polish Academy of Sciences

[Signature: Adam Skalski]

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Banach Center IM PAS

Office address: ul. Śniadeckich 8, room 426, 00-656 Warsaw, POLAND
e-mail: Banach.Center.Office@impan.pl, Tel.: +48 22 5228232, Fax: +48 22 5228298

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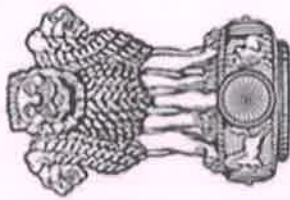
[Signature]

[Signature]

[Signature: Ravi Kumar]



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

S.No:

GAD-TLC/2020-21/WKP8/228

This is to certify that

DR. REEMA CHHABRA, DEEN DAYAL UPADHYAYA COLLEGE

has participated in One Day Online National Workshop entitled "Flipped Learning Approach: A Novel ICT-Empowered Pedagogy for 21st Century Learning Needs" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MoE on 26th November 2020 (This is equivalent to a regular National Workshop).

Dr. Jaswinder Singh
Principal, S.G.T.B. Khalsa College

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi
Dr. Ajmal Ram



MoE-Institution Innovation Council (IIC) DDU Chapter
(under the aegis of DBT Star College Program)

Internal Quality Assurance Cell, Deen Dayal Upadhyaya College, University of Delhi, India

Jointly organized

Online International Workshop on Intellectual Property Right

(Equivalent to Faculty Development Program)

February 09-13, 2021

Certificate of Completion

This is to certify that

DR. POONAM KASTURI

ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRONICS, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed the Five Days Online International Workshop on Intellectual Property Right
(Equivalent to Faculty Development Program) held during February 09-13, 2021

Registered Email ID of Attendee: kasturipoonam71@gmail.com
Certificate No. **2021/MoE-IICDDUC/IPR Workshop (FDP)/Feb9_13/123**

Handwritten signature

Dr. Manoj S
Coordinator-IQAC & MoE-IIC-DDUC C
Program Coordinator-DBT Star College
Deen Dayal Upadhyaya College, University of Delhi

Tw-3

NW-2



Shri Lal Bahadur Shastri National Sanskrit University

(Central University)

B-4, Qutab Institutional Area, New Delhi - 110016
NAAC Accredited 'A' Grade



Teaching Learning Centre

Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme,
Ministry of Human Resource Development, Government of India

e-Certificate of Completion

This is to certify that

DR. POONAM GARG

ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS, DEEN DAYAL UPADHYAYA
COLLEGE (UNIVERSITY OF DELHI), DELHI

has successfully completed **03 days Online National Workshop on**
Design & Develop: Online Assessment
from **08th to 10th June, 2020 with A+ Grade.**

Prakriti

Coordinator

Amita Pandey Bhardwaj

AMITA PANDEY BHARDWAJ

Project Head

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]

Ravi Kumar



INDIAN ACADEMY OF
SCIENCES BANGALORE



INDIAN NATIONAL SCIENCE ACADEMY
NEW DELHI



THE NATIONAL ACADEMY
OF SCIENCES, INDIA
ALLAHABAD



Department of
BioTechnology,
Government
of India

Science Foundation and MHRD-IIC-DDUC Chapter
Deen Dayal Upadhyaya College, University of Delhi, New Delhi
(Under the aegis of DBT Star College Program)

Jointly Organizes

Science Academies Online Lecture Workshop On Frontiers in Science & Engineering
- Opportunities for Graduates -
September 14-19, 2020

LETTER OF ATTENDANCE

This is to certify that **PRIYA GOEL** registered via email ID pwpriva@gmail.com attended the following Webinars held during the **Science Academies Online Lecture Workshop on Frontiers in Science & Engineering - Opportunities for Graduates**.

September 14, 2020

05:30 pm – 06:00 pm

Introductory Remarks by

Prof. Anurag Sharma, FNA, FNASc, FASc, FNAE

JC Bose National Fellow (SERB), Deptt. of Physics, IIT Delhi

06:00 pm – 07:00 pm

Molecular Insight into Plant Vision

Inaugural Talk by Prof. Jitendra P. Khurana, FNA, FASc, FNASc, FNAAS, FTWAS

Vice-President (International Affairs), INSA, JC Bose National Fellow (SERB),

Professor, Department of Plant Molecular Biology,

University of Delhi South Campus, New Delhi

07:00 pm – 08:00 pm

Technical Session : Physical Sciences

Ion Accelerator based Interdisciplinary Developments, Research and Applications

Dr. Dinakar Kanjilal, FNA, FNASc

DAE Raja Ramanna Fellow & Former Director

Inter University Accelerator Centre (IUAC)

Aruna Asaf Ali Marg, New Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Co-ordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Certificate No. **2020/MHRDIICDDUC/Sc.Acad.Workshop/Sept14/343**

Dr. Manoj Saxena, MNASc

Program Coordinator-DBT Star College (DDU)

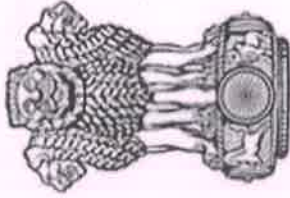
Deen Dayal Upadhyaya College,

University of Delhi

Ravi Kumar



Guru Angad Dev
Teaching Learning Centre
A Centre of Ministry of Education
Under PMMNMTT



सत्यमेव जयते
Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

S.No:

GAD-TLC/2020-21/WKP8/158

This is to certify that

DR. RAVINDER KAUR, DEEN FAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

has participated in One Day Online National Workshop entitled "Flipped Learning Approach: A Novel ICT-Empowered Pedagogy for 21st Century Learning Needs" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MoE on 26th November 2020 (This is equivalent to a regular

National Workshop) **Officialing Principal**

Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Jaswinder Singh

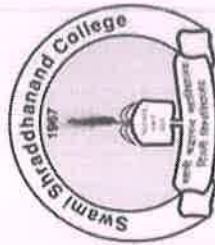
Principal, S.G.T.B. Khalsa College

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. Vimal Rath

Project Head & Joint Director

www.tlckhalsa.in



SWAMI SHRADDHANAND COLLEGE

UNIVERSITY OF DELHI
ALIPUR, DELHI 110036



Workshop on
Google Classroom : Teaching, Learning and Managing
May 24, 2020

Certificate of Participation

This is to certify that Dr. Rajan Gupta has participated in the workshop on the topic "Google Classroom : Teaching, Learning and Managing" organized by the Department of Computer Science, ^{Officializing Principal} Swami Shraddhanand College, University of Delhi on May 24, 2020.
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Meera Sharma

Convenor

Dr. Shiveta Kundra Bhatia

Co-Convenor

Dr. Monica Gambhir

Co-Convenor

Ms. Akanksha Gupta

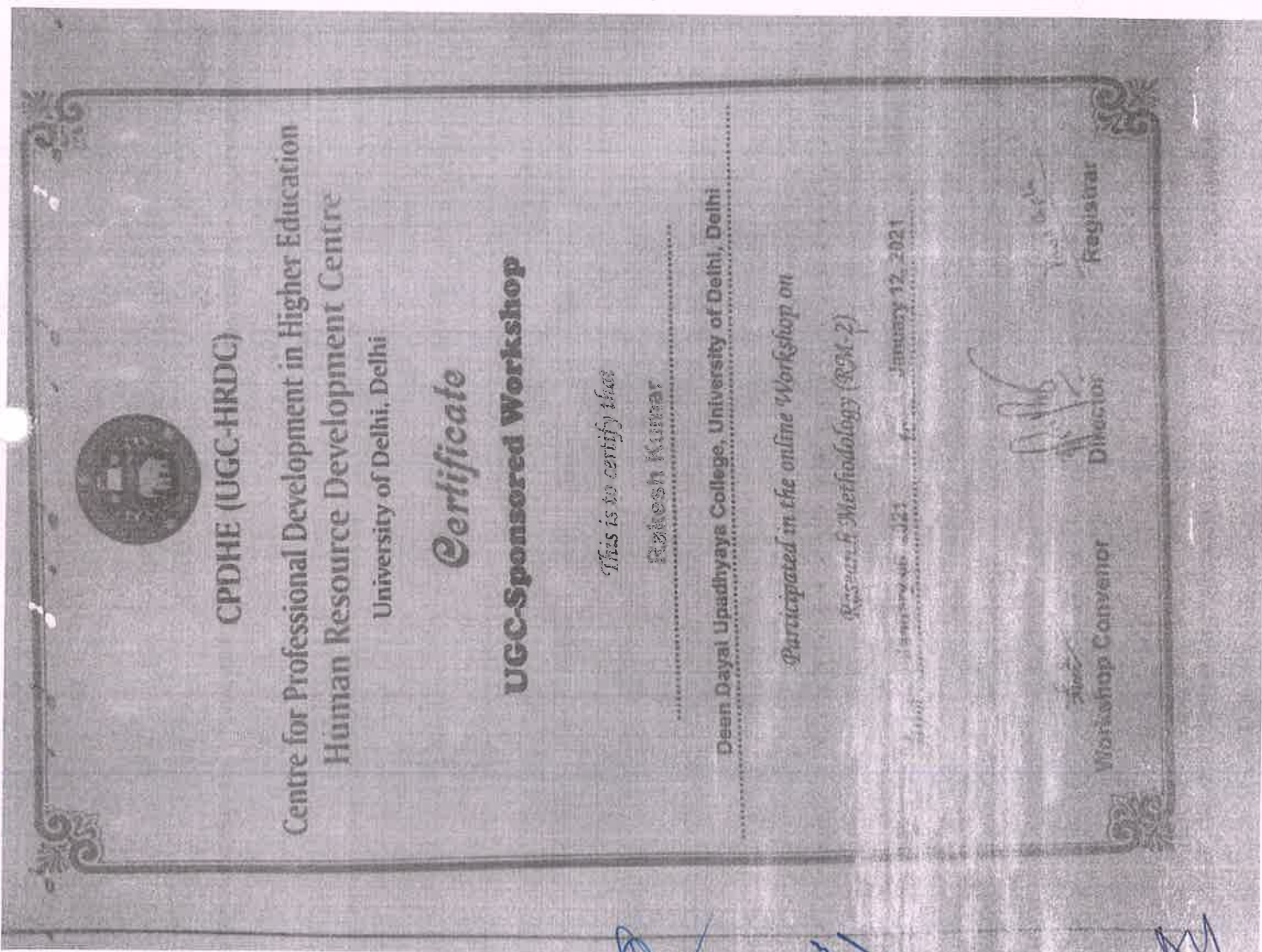
Moderator

Prof. Parveen Garg

Principal

NW-9

53



[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]
Ravi Kumar

THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 57TH STREET
CHICAGO, ILL. 60637

(1)

1





Science Academies' Science Leadership Workshop

India's First Science Leadership Program

Certificate of Participation

This is to certify that **Dr. Sudhir Verma, D.D.U. College, Delhi** has successfully participated in the Science Leadership Workshop organized by the Central University of Punjab, Bathinda, India from June 22 to June 28, 2020. The program included 26 talks by academy fellows and leading science leaders and covered topics such as mentoring, collective leadership, problem-solving, conflict-resolution, time management, women in science, active listening, cross-cultural communication, lab culture and so on.

This certificate is digitally generated on June 30 2020 and requires no signature.
Valid only if name mentioned in this certificate is listed in
the curated list of delegates available at: <https://bit.ly/SLW-Delegate>

Course Co-ordinator: Dr. Felix Bast

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD, Government of India)



MHRD'S
INNOVATION CELL
(GOVERNMENT OF INDIA)

This is to certify that

Dr./Mr./Ms. Dr. Sudhitr Verma

of

Deen Dayal Upadhyaya College, University of Delhi

*has participated in the IIC Online Sessions conducted by Institution's
Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote
Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th
April to 22nd May 2020 during COVID-19 nationwide lockdown.*

S. Dipan Sahu

S. Dipan Sahu
National Coordinator, IIC
MHRD's Innovation Cell

Dr. Mohit Gambhir

Dr. Mohit Gambhir
Innovation Director
MHRD's Innovation Cell

Dr. Abhay Jere

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell

Certificate no. / 2020
Date: 22/05/2020



Scan to verify

**The e-Sessions attended by the participant is listed in Annexure*

NW-17



BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities & Commerce

Sainikpuri, Secunderabad - 500094

Accredited with 'A' Grade by NAAC

Autonomous College, Affiliated to O.U.

Certificate of Participation

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

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

Dr. Renu Solanki

of Deen Dayal Upadhyaya College, University of Delhi

has participated in the International Online Workshop for Undergraduate Biology Teachers on "Student-Centric Learning Strategies" organized by Department of Microbiology under DBT-Star College Scheme from 2nd - 11th November, 2020.

Dr. Anil Kumar Challa

ADJ PROF. DEPARTMENT OF BIOLOGY, UAB
VISITING SCIENTIST, DR. REDDY'S INST. OF LIFE SCIENCES

Dr. K. Anuradha

HEAD, DEPARTMENT OF MICROBIOLOGY
DBT STAR COLLEGE SCHEME COORDINATOR

Prof. Y. Ashok

PRINCIPAL

Prashant

Ravi Kumar

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



SNDT Women's University
Teaching Learning Centre
 Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT-MHRD)
Department of Educational Technology
Certificate of Participation

This is to certify that **Dr. Sudhir Verma** has actively participated in the Two-week National Workshop on "Online and Blended Learning" consisting of two sub-topics, "ICT Tools for Collaboration" and "Cooperative Learning" through Online Mode from March 9 - 21, 2020.

He has completed online activities and has submitted assignments related to the subject of teaching successfully.

He has been awarded Grade O+.

Dr. Jayashree Shinde
 Director, Teaching-Learning Centre

90-100 O+ 80-89 O 70-79 A+ 60-69 A 55-59 B+ 50-54 B 45-49 C

18.0 in. All short-term and long-duration capacity-building programmes for teachers/faculty ranging from one week to one month as well as seminars, workshops in different pedagogic and discipline-specific areas being conducted by centres such as Schools of Education (SoEs), Teaching Learning Centres (TLCs), Faculty Development Centres (FDCs), Centres for Excellence in Science and Mathematics (CESMEs), Centres for Academic Leadership and Education Management (CALEMs) under the PMMNMTT scheme shall be taken into consideration for fulfilment of the requirements as laid down in Career Advancement Scheme of these Regulations.

Officiating Principal
 Deen Dayal Upadhyaya College
 (University of Delhi)
 Sector-3, Dwarka, New Delhi-78

Coordinator
 Internal Quality Assurance Cell (IQAC)
 Deen Dayal Upadhyaya College
 University of Delhi



SNDT Women's University Teaching Learning Centre



Department of Educational Technology

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMNMTT-MHRD)

National Workshop on
"ICT Tools for Online Learning"
(April 20-28, 2020)

Certificate of Participation

This is to certify that

Dr. Sudhir Verma

has participated in the workshop through Online Mode and completed the following topics:

- | | | | |
|---|------------|---------------------------------------|------------|
| 1. Collaborative tasks on Google tools | (April 20) | 5. Google Forms for Quiz | (April 24) |
| 2. Online Brainstorming | (April 21) | 6. Image editing and Infograph-design | (April 25) |
| 3. Online Concept-mapping, mind-mapping | (April 22) | 7. Screencasting | (April 27) |
| 4. eQuis (Testmoz, Kahoot!) | (April 23) | | |

The participant has worked for more than 6 hours a day in synchronous and asynchronous mode and has submitted assignments related to the subject of teaching successfully.

Dr. Jayashree Shinde
Director, Teaching-Learning Centre

18.0 ix. All short-term and long-duration capacity-building programmes for teachers/faculty ranging from one week to one month as well as seminars, workshops in different pedagogic and discipline-specific areas being conducted by centres such as Schools of Education (SoEs), Teaching Learning Centres (TLCs), Faculty Development Centres (FDCs), Centres for Excellence in Science and Mathematics (CESMEs), Centres for Academic Leadership and Education Management (CALEMs) under the PMMNMTT scheme shall be taken into consideration for fulfilment of the requirements as laid down in Career Advancement Scheme of these Regulations

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

NW-18



SCROLLWELL

CERTIFICATE OF PARTICIPATION

Awarded to

Dr. Poonam Kasturi

Deen Dayal Upadhyaya College University of Delhi

For active participation in 2 days "Workshop on Understanding and Filing Intellectual Property Rights" with Dr. Rahul Taneja, Scientist, Department of Science and Technology, Government of Haryana as Mentor organized by Scrollwell EduTech LLP on February 17 - 18, 2021.

Roshan Kumar

Roshan Kumar
Founder

Scrollwell EduTech LLP
scrollwell.com

Certificate Id: SW/CERT/2021/2468

Date: February 18, 2021

[Signature]

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Certificate of Participation

This is to certify that Dr./Mr./Ms. Poonam Kasturi from
Deen dayal Upadhyaya College, University of Delhi has attended the four days
online workshop titled "Solar Cell Simulation using Open-Source TCAD Software (SCAPS)"
organized by Chitkara University, Punjab from 22nd July to 25th July, 2020.

Following topics regarding solar cell simulations using SCAPS-1D were discussed during workshop:

- Basics of SCAPS-1D
- Defining new materials in SCAPS
- Defining electrical and optical properties of semiconductor materials
- Calibration of state of the art solar cells

Dr. Rahul Pandey
Assistant Professor (Research),
Chitkara University, Punjab

Dr. Jaya Madan
Assistant Professor (Research),
Chitkara University, Punjab

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NW - 20



INDIAN ACADEMY OF
SCIENCES BANGALORE



INDIAN NATIONAL SCIENCE ACADEMY
NEW DELHI



THE NATIONAL ACADEMY
OF SCIENCES, INDIA
ALLAHABAD



Department of
Biotechnology,
Government
of India

Science Foundation and MHRD-IIC-DDUC Chapter
Deen Dayal Upadhyaya College, University of Delhi, New Delhi
(Under the aegis of DBT Star College Program)

Jointly Organizes

Science Academies Online Lecture Workshop On Frontiers in Science & Engineering - Opportunities for Graduates -
September 14-19, 2020

Certificate of Appreciation

This is to certify that **POONAM KASTURI** registered via email ID kasturipoonam71@gmail.com attended 04 or more technical sessions out of 06 sessions held during the **Science Academies Online Lecture Workshop on Frontiers in Science & Engineering - Opportunities for Graduates**.

September 14, 2020	Technical Session I : Physical Sciences and Life Sciences
05:30 pm – 06:00 pm	Introductory Remarks by Prof. Anurag Sharma, FNA, FNASc, FASc, FNAE JC Bose National Fellow (SERB), Deptt. of Physics, IIT Delhi
06:00 pm – 07:00 pm	Molecular Insight into Plant Vision Inaugural Talk by Prof. Jitendra P. Khurana, FNA, FASc, FNASc, FNAAS, FTWAS Vice-President (International Affairs), INSA, JC Bose National Fellow (SERB), Professor, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi
07:00 pm – 08:00 pm	Ion Accelerator based Interdisciplinary Developments, Research and Applications Dr. Dinakar Kanjilal, FNA, FNASc DAE Raja Ramanna Fellow & Former Director, Inter University Accelerator Centre (IUAC), New Delhi
September 15, 2020	Technical Session II : Chemical Sciences
04:00 pm – 05:00 pm	The Lead Halide Perovskites: Photoluminescence and Charge Carrier Dynamics Professor Anunay Samanta, FASc, FNASc, FNA Sr. Professor and J.C. Bose National Fellow (DST), School of Chemistry, University of Hyderabad
05:00 pm – 06:00 pm	Interdisciplinary Education for Science and Innovation Professor Sourav Pal, FASc, FNASc, FNA, Director, Indian Institute of Science Education & Research, West Bengal
September 16, 2020	Technical Session III : Computer Sciences and Electronics
06:00 pm – 07:00 pm	Electronic Cash, Cryptocurrencies and Smart Contracts Professor Rudrapatna Kallikote Shyamasundar, FASc, FNA, FNASc, FNAE, FIEEE, FTWAS Distinguished V Professor, Computer Science & Engineering Department, IIT Powai
September 17, 2020	Technical Session IV : Biological Sciences
06:00 pm – 07:00 pm	Indian Healthcare, Digital Transformation, and COVID-19 Dr Anurag Agrawal, FNA, Director, CSIR-Institute of Genomics and Integrative Biology, Delhi University
07:00 pm – 08:00 pm	Responsibilities and opportunities for academics in the context of current pandemic Dr. Rakesh K Mishra, FASc, FNASc, FNA, Director, CSIR-Centre for Cellular & Molecular Biology, Hyderabad
September 18, 2020	Technical Session V : Mathematical Sciences
06:00 pm – 07:00 pm	Continued fraction expansions of complex numbers Prof. Shrikrishna Gopalrao Dani, FASc, FNA, FNASc Distinguished Professor, Centre for Excellence in Basic Sciences, University of Mumbai, Maharashtra
07:00 pm – 08:00 pm	C.R.Rao and Mahalanobis' Distance Prof. Probal Chaudhuri, FASc, FNA, FNASc Theoretical Statistics and Mathematics Unit, Indian Statistical Institute, Kolkata
September 19, 2020	Technical Session VI : Physical Sciences and Chemical Sciences
06:00 pm – 07:00 pm	Future Geosciences and Opportunities Prof. Ashok Kumar Singhvi, FASc, FNA, FNASc, FTWAS, Honorary Scientist, Atmospheric, Molecular & Optical Physics Divn., PRL, Gujarat
07:00 pm – 08:00 pm	Glasses and other amorphous solids Professor Srikanth Sastry, FASc, FNASc, FNA, Theoretical Sciences Unit, JNCASR, Bangalore, Karnataka

Certificate No.

2020/MHRDIICDDUC/Sc.Acad.Workshop/Sept.14-19/134

Dr. Manoj Saxena, MNASc

Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Certificate ID: AM/INSCR- 1015.....



Certificate of Participation

This certificate is awarded to

Dr. Anina James (Deen Dayal Upadhyaya College, University of Delhi)

for ORAL PRESENTATION in

Annual International Conference of The Association of Microbiologists of India and Indian Network for Soil Contamination Research (INSCR), in association with The Energy and Resources Institute (TERI), Department of Zoology, University of Delhi (DU), Indian Agricultural Research Institute (IARI) & Indian National Science Academy (INSA)



Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences

ATRAZINE DECONTAMINATION BY EPIPHYTIC ROOT BACTERIA

3rd to 5th February,
2021

Rup Lal

Prof. Rup Lal
Organizing Secretary
NASI Senior Scientist
TERI

Yogendra Singh

Prof. Yogendra Singh
Organizing Secretary
Dept. of Zoology,
University of Delhi

Sunil Pabbi

Dr. Sunil Pabbi
Organizing Secretary
Principal Scientist,
ICAR-IARI

Banwari Lal

Dr. Banwari Lal
Organizing Secretary
Senior Director,
Envt. & Ind. Biotech.,
TERI Quality Improvement
Department



Deen Dayal Upadhyaya College
University of Delhi

Certificate No.
SKBU/MATH/
WEB02/20PP09

Sidho-Kanho-Birsha University
(NAAC with B+ Grade:)
Ranchi Road, PO- Sainik School Purulia, Purulia-
723104, W.B., India



International Web-Conference on Complex Analysis and
Differential Geometry: Revisiting
(IWCADGR-2020)

organized by
Department of Mathematics
in association with IQAC, SKBU
Certificate of Paper Presentation


Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

This is to certify that Dr. Dinesh Kumar of Deen Dayal Upadhyaya College,
University of Delhi has participated and presented a paper entitled "DYNAMICS
OF NEARLY ABELIAN TRANSCENDENTAL SEMIGROUP " in this Web-
Conference during 29-30 June, 2020.



Mr. G. Chakraborty
Joint Convener
(IWCADGR-2020)



Dr. K. Halder
Joint Convener
(IWCADGR-2020)



Prof. Dr. S. K. Mahato
Organizing Secretary
(IWCADGR-2020)


Internal Quality Coordinator
Deen Dayal Upadhyaya College
(University of Delhi)

Prof. Dr. D. K. Kar
Chairman
(IWCADGR-2020)

ICEGOV
2020

Online

13th International Conference
on Theory and Practice of
Electronic Governance

23-25 SEPTEMBER 2020

www.icegov.org

CERTIFICATE OF PARTICIPATION

This is to certify that


Rajan Gupta

has attended the 13th International Conference on
Theory and Practice of Electronic Governance.

ICEGOV2020 PROGRAMME COMMITTEE CHAIRS

Yannis Charalabidis
Maria Alexandra Cunha
Demetrios Sarantis

PATRON



HELLENIC REPUBLIC
Ministry of Digital Governance

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AEGEAN



XAPOFOROS PANATHINAIKO
MAROUSIO UNIVERSITY

Officialising Principal

Deen Dayal Upadhyaya College

(University of Delhi)

Section 3, New Delhi-110007

Coordinator

Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

University of Delhi


P. K. Kumar


P. K. Kumar


P. K. Kumar


P. K. Kumar


P. K. Kumar


P. K. Kumar



TC-3

61

Certificate of Presentation of Paper

This is to certify that the paper entitled

Technology Applications for Health Safety Decision Making under COVID-19 Pandemic Management

by Rajan Gupta; Saibal K. Pal; Aayush Khattar; King Baliyan

has been presented at the

The International Conference on Decision Aid Sciences and Applications (DASA'20)

Organized by the University of Bahrain

8-9th November 2020 (Online)



Officiating Principal
Deen Dey
(Unit)

informs. BAHRAIN INTERNATIONAL GROUP
Promoting Business Analytics in Bahrain

Delhi-78

P. K. Pal

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dey
Delhi-78

Dr. M. R. Qader

Dean, Deanship of Graduate Studies and Scientific Research

ICSE
2020

International Conference on Sustainability Education

FIRST ANNIVERSARY EDITION

CERTIFICATE OF APPRECIATION

Presented to

Anand Saxena

For participating in

International Conference on Sustainability Education Webinar

on 9 - 10th september 2020

Dr. Ram Boojh
CEO, Mobius Foundation

Mr. Aditya Pundir
Country Manager, Climate Reality Project India

ME
MOBIUS
FOUNDATION

United Nations
Educational, Scientific and
Cultural Organization

In partnership with
New Delhi Office
Cluster Office for Bangladesh,
Bhutan, India, Maldives,
Nepal and Sri Lanka

EARTHMOVING

50
YEARS
EARTH
DAY
2020

The Climate
Reality Project

CEE

Centre for Environment Education

Coordinator

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



INDIAN ACADEMY OF
SCIENCES BANGALORE

INDIAN NATIONAL SCIENCE ACADEMY
NEW DELHI

THE NATIONAL ACADEMY
OF SCIENCES, INDIA
ALLAHABAD

Science Foundation and MHRD-IIC-DDUC Chapter
Deen Dayal Upadhyaya College, University of Delhi, New Delhi
(Under the aegis of DBT Star College Program)

Jointly Organizes

Science Academies Online Lecture Workshop On Frontiers in Science & Engineering
- Opportunities for Graduates -
September 14-19, 2020

LETTER OF ATTENDANCE

This is to certify that **DR. MAMTA AMOL WAGH** registered via email ID nigam.mamta@gmail.com attended the following Webinar held during the Science Academies Online Lecture Workshop on Frontiers in Science & Engineering - Opportunities for Graduates.

September 18, 2020

Technical Session : Mathematical Sciences

06:00 pm – 07:00 pm

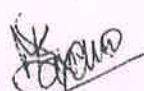
Continued fraction expansions of complex numbers
Prof. Shrikrishna Gopalrao Dani, FASc, FNA, FNASc
Distinguished Professor, Centre for Excellence in Basic Sciences
University of Mumbai, Maharashtra

07:00 pm – 08:00 pm

C.R.Rao and Mahalanobis' Distance
Prof. Probal Chaudhuri, FASc, FNA, FNASc
Theoretical Statistics and Mathematics Unit
Indian Statistical Institute, Kolkata


Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-75

Certificate No. 2020/MHRDIICDDUC/Sc.Acad.Workshop/Sept18/108


Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College,
University of Delhi



Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi







Ravi Kumar



The National Academy of Sciences, India (NASI) - Delhi Chapter-
&

MHRD-Institution Innovation Council (IIC), Deen Dayal Upadhyaya College Chapter

(University of Delhi)

Under the aegis of DBT Star College Program

Jointly Organized

Special Public Lecture (Webinar) on September 26, 2020 at 06:00 pm

Certificate of Completion

This is to certify that

DR. MAMTA AMOL WAGH

Has Completed One Professional Development Hour by attending Webinar on

Granular Mining, Uncertainty Modelling and Data Science: Concepts, Models and Challenges

Prof. Sankar K. Pal, FNA, FASc, FTWAS, FIEEE, FIAPR

National Science Chair and Emeritus Professor

Distinguished Scientist and former Director Indian Statistical Institute, Kolkata, India

Registered Email ID of Attendee : nlgam.mamta@gmail.com
Certificate No. 2020/MNADICDDUC/Technical Talk/Sept26/76

Dr. Manoj Saxena, MNASC
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Coordinator

Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College

University of Delhi

Ravi Kumar

Sr. No.

Bhaskaracharya College of Applied Sciences



(University of Delhi)

Accredited Grade 'A' by NAAC

'Star College Status' by DBT

Certificate of Participation

Dr. Savita Gahlaut

Deen Dayal Upadhyaya

This is to certify thatfrom.....attended

a live international webinar on "How Huge is Nano?" organized by "QUBIT" the Physics

Society on May 29, 2020 at 15:30-16:30 HRS.

Dr. Herendra Kumar
(Co-ordinator)

Dr. Vandana Batra
Official Principal
Deen Dayal Upadhyaya College (Convener)

Dr. Balamram Pani
(Principal)

New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



सत्यमेव जयते

Department of
BioTechnology,
Government
of India

The National Academy of Sciences, India (NASI) - Delhi Chapter-

&

MHRD-Institution Innovation Council (IIC)

Deen Dayal Upadhyaya College Chapter

(University of Delhi)

Under the aegis of DBT Star College Program

Jointly Organized

Special Public Lecture (Webinar) on July 26, 2020 at 02:30 pm



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



Certificate of Completion

This is to certify that

SAVITA GAHLAUT

DEEN DAYAL UPADHAYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

Empathetic Conversational Artificial Intelligence (AI)

Professor Pascale Fung, FIEEE FISCA

Director, Centre for Artificial Intelligence Research (CAiRE)

Professor, Department of Electronic & Computer Engineering and Department of Computer Science & Engineering

Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Registered Email ID of Attendee : gahlautsavita@gmail.com
Certificate No. **2020/MHRDIICDDUC/Technical Talk/July26/362**

Dr. Manoj Saxena, MNASC
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

67



Indian Association of Physics Teachers
Regional Council (Delhi & Haryana)

Delhi State Science Teachers' Forum
Jointly Organized



ONLINE LECTURE SERIES

Certificate of Participation

This is to certify that Prof. /Dr. /Mr. /Ms. **Dr. Savita Gahlaut** of **Deen Dayal Upadhyaya College, University of Delhi** participated in the **Online Lecture** jointly organised by the Indian Association of Physics Teachers, Regional Council (Delhi & Haryana) and Delhi State Science Teachers' Forum on **Surprises in Elementary Physics: Examples from Mechanics, Optics and Thermodynamics** by Prof. Vijay A. Singh, Visiting Professor, CEBS, Mumbai (Ex-Professor, IIT Kanpur and HBCSE (Tata Institute of Fundamental Research, Mumbai)) on 6th August 2020 via Zoom Platform.


(Dr. M. S. Bhandari)
Secretary, IAPT, RC-1.


(Sh. V. Srivastava)
President, DSSTF


(Prof. V. P. Srivastava)
President, IAPT, RC-1


Officiating Principal
Deen Dayal Upadhyaya College
(11)


Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi


Dean
Deen Dayal Upadhyaya College
University of Delhi



The National Academy of Sciences, India (NASI) - Delhi Chapter-
&
MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)
Under the aegis of DBT Star College Program
Jointly Organized
Special Public Lecture (Webinar) on August 14, 2020 at 02:30 pm



Certificate of Completion

This is to certify that

DR. SAVITA GAHLAUT

DEEN DAYAL UPADHAYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

Nature's Engines: Active Matter

Professor Julia Yeomans, FRS

The Rudolf Peierls Centre for Theoretical Physics, 1 Keble Road, Oxford, OX1 3NP, UK

Registered Email ID of Attendee : gahlautsavita@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/August14/166

[Signature]

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Ravi Kumar

[Signature]

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[Signature]
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[Signature]

[Signature]

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]

Dr. Manoj Saxena, MVA Sc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi



The National Academy of Sciences, India (NASI) - Delhi Chapter-
&
MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)
Under the aegis of DST Star College Program
Jointly Organized
Special Public Lecture (Webinar) on September 21, 2020 at 06:00 pm



Certificate of Completion

This is to certify that

KAPIL BOHRA

Has Completed One Professional Development Hour by attending Webinar on

Steps Towards Complex Matter: Chemistry!

Nobel Laureate Prof. Jean-Marie LEHN
ISIS, University of Strasbourg Institute for Advanced Study

Registered Email ID of Attendee : kapilbohra@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/Sept21/130


Dr. Manoj Sarana, MHRDC
Program Coordinator-DST Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi


Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3 Dwarka New Delhi-78


Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi


Ravi Kumar




Prashant



The National Academy of Sciences, India (NASI) - Delhi Chapter-
&

MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)

Under the aegis of DBT Star College Program
Jointly Organizes



Technical Talk(Webinar) on June 08, 2020 at 06:30 pm

Certificate of Completion

This is to certify that

JYOTI

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

Has Completed One Professional Development Hour by attending Webinar on

Endofullerenes: Nano-scale test tubes for single molecules and atoms

Professor Malcolm Levitt

School of Chemistry at the University of Southampton

Registered Email ID of Attendee : jyotichemdduc@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/June08/67

Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Ravi Kumar

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Official

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Prakash

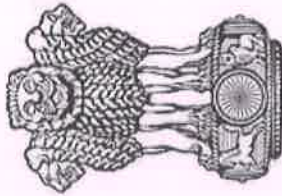
10

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

10



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development

Certificate

S.No:

GAD-TLC/20-21/WEB36/2227

This is to certify that

DR. REEMA CHHABRA, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

has participated in One Day National Webinar entitled "Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD on 5th September 2020. (This is equivalent to a regular One Day National Seminar).

Dr. Jaswinder Singh
Dr. Jaswinder Singh
Principal, S.G.T.B. Khalsa College

Ravi Kumar

Dr. Reema Chhabra
Dr. Reema Chhabra
Dr. Reema Chhabra

Prakash



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Dr. Reema Chhabra

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Vimal Rani
Dr. Vimal Rani
Project Head & Joint Director

www.tlckhalsa.in



Deshbandhu College University of Delhi



देशबन्धु महाविद्यालय

Certificate of Participation

This is to certify that
Dinesh Kumar

from Deen Dayal Upadhyaya College, DU has participated in the
National webinar on ***Fractals and Its Applications in Real Life***
organised by the **Department of Mathematics** and **IQAC** of Deshbandhu
College, University of Delhi on August 25, 2020.

Coordinating for

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Ms. Harindri Chaudhary
CONVENER

Mr. Chandra Shekhar
TEACHER-IN-CHARGE

Dr. Aditya Saxena
COORDINATOR, IQAC

Deen Dayal Upadhyaya College
University of Delhi

Dr. Rajiv Aggarwal
PRINCIPAL



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College
(University of Delhi)

organizes

Special Public Webinar on August 25, 2020 at 04:00 pm

Certificate of Completion

This is to certify that

POONAM GARG

FACULTY OF DEPARTMENT OF MATHEMATICS, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI, DWAIPA, NEW DELHI-110007

Has Completed One Professional Development Hour by attending Webinar on

National Education Policy 2020 - Strategy for Self-Reliant India

Prof. Rajendra Pratap Gupta

Leading public policy expert and served as a member of the National Education Policy Committee

Dr. Hem Chand Jain
Officiating Principal

Deen Dayal Upadhyaya College, University of Delhi

Dr. Manoj Saxena, MNASC
IQAC Coordinator

Deen Dayal Upadhyaya College, University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Dwaipada, New Delhi-110007

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

79

Rani Kumar

Prashant

W-12

Deshbandhu College University of Delhi



Certificate of Participation

This is to certify that

Dr Poonam Garg

from

Deen Dayal Upadhyaya College (University of Delhi)

Internal Q. Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

has participated in the National webinar on
THE EVOLUTION OF SINGLE STEP METHODS TO SOLVE INITIAL VALUE PROBLEMS
organised by

the **Department of Mathematics** and **IQAC** of Deshbandhu College, University of Delhi,
held on January 29, 2021.

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka New Delhi

Ms. Harindri Chaudhary
CONVENER

Mr. Chandra Shekhar
TEACHER-IN-CHARGE

Dr. Aditya Saxena
COORDINATOR, IQAC

Dr. Rajiv Aggarwal
PRINCIPAL

Ravi Kumar

P. K. Singh



Certificate Of Participation

This is to certify that Prof / Dr. Dr Poonam Garg
from

Deen Dayal Upadhyay College (University of Delhi)

Participated in "Learning Outcome Based Approach For Curriculum Planning
And Development" organized by MasterSoft ERP Solutions Pvt. Ltd. on 30th
January 2021.

Officializing Principal
Deen Dayal Upadhyay College
(University of Delhi)
Delhi-78

Shyam V. Somani

Managing Director
MasterSoft ERP Solutions Pvt. Ltd

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyay College

Prakash

Prakash

Paul Kumar



Department of
BioTechnology,
Government
of India

सत्यमेव जयते

The National Academy of Sciences, India (NASI) - Delhi Chapter-

&

MHRD-Institution Innovation Council (IIC)

Deen Dayal Upadhyaya College Chapter

(University of Delhi)

Under the aegis of DBT Star College Program

Jointly Organizes



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiatives)

Technical Talk(Webinar) on June 08, 2020 at 06:30 pm

Certificate of Completion

This is to certify that

SUNNY MANOHAR

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

Has Completed One Professional Development Hour by attending Webinar on

Endofullerenes: Nano-scale test tubes for single molecules and atoms
Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Professor Malcolm Levitt

School of Chemistry at the University of Southampton

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Registered Email ID of Attendee : sunnymanoхар85@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/June08/105

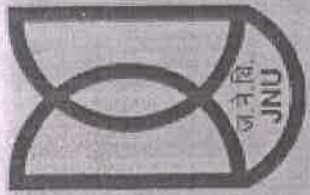
Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Dr. Manoj Saxena

Dr. Manoj Saxena

Pratibha

77



Webinar on

Nanoscience and Nanotechnology in the Present Scenario (9th & 10th June, 2020)

School of Physical Sciences & Special Centre for Nano Sciences
Jawaharlal Nehru University, New Delhi

Certificate no. SPSSCNS-370

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

Dr. SUNNY MANOHAR of DEEN DAYAL UPADHYAY
COLLEGE, UNIVERSITY OF DELHI *has participated in*
2 days Webinar during June 09-10, 2020.

Coordinator
Internal Quality Assurance Cell (IQAC)
JNU College

Dr. Vinod Kumar
Convener, SCNS

Dr. Rabintra N. Mahato
Convener, SPS



GARGI COLLEGE

(University of Delhi)

Accredited Grade A by NAAC



National Webinar Organized by Department of Chemistry

Certificate

This is to certify that

SUNNY MANOHAR

has participated in the One Day National Webinar titled

"OPEN EDUCATIONAL RESOURCES"

organized by Department of Chemistry, Gargi College held on May 21, 2020.

Beena

**Dr. Beena Negi
(Convener)**

Dr. Promila Kumar

**Principal
(Patron)**

Manju K. Saroj

**Dr. Manju K Saroj
(Convener)**

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-76

Rani Kumar



DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

in association with K.T.H.M. COLLEGE, NASHIK

National One Week Online Faculty Training Program
under Internal Quality Assurance Cell & DBT Star College Program

3rd - 10th August, 2020

PEDAGOGICAL TRAINING FOR EFFECTIVE ONLINE TEACHING & LEARNING



CERTIFICATE OF COMPLETION



FTP180
.....

This is to certify that DR. SUNNY MANOHAR from

DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

successfully completed the National One Week Online Faculty Training Program on
"Pedagogical Training for Effective Online Teaching & Learning" organized by DEEN
DAYAL UPADHYAYA COLLEGE (University of Delhi) & K. T. H. M. COLLEGE, NASHIK under
Internal Quality Assurance Cell & DBT Star College Program from 3rd to 10th August,
2020.

Shaily Anand

Dr. Shaily Anand
Convenor

Renu Solanki

Dr. Renu Solanki
Convenor

Manoj Saxena

Dr. Manoj Saxena
Coordinator - IQAC

H. C. Jain

Dr. H. C. Jain
Principal

Kalpesh Amrutkar

Dr. Kalpesh Amrutkar
Convenor

N. D. Gaikwad

Dr. N. D. Gaikwad
Coordinator - IQAC

V. B. Gaikwad

Dr. V. B. Gaikwad
Principal

Deen Dayal Upadhyaya College (University of Delhi, Delhi) — K. T. H. M College (Nashik, Maharashtra)



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College
(University of Delhi)

organizes

Special Public Webinar on August 25, 2020 at 04:00 pm

Certificate of Completion

This is to certify that

PRIYA GOEL

FACULTY OF DEPARTMENT OF ZOOLOGY, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

National Education Policy 2020 - Strategy for Self-Reliant India

Prof. Rajendra Pratap Gupta

Leading public policy expert and served as a member of the National Education Policy Committee

Dr. Hem Chand Jain
Officiating Principal

Deen Dayal Upadhyaya College, University of Delhi

Dr. Manoj Saxena, MNAC

IQAC Coordinator

Deen Dayal Upadhyaya College, University of Delhi

Officiating Principal

Deen Dayal Upadhyaya College
(University of Delhi)

Sector-3, Dwarka, New Delhi-78

P. K. Jain

R

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Ram Kumar

W-18

80



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT

S. No.: GAD-TLC/2020/WB6/454



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College, University Of Delhi

has participated in the Faculty Development Programme: National Webinar entitled **"Re-engineering Higher Education: A Seamless Knowledge Management System for the University"** organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 22, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

Ravi Kumar
Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

S. No.: GAD-TLC/2020/WB7/175

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College, University Of Delhi

has participated in the Faculty Development Programme: National Webinar entitled “Roles of Teachers in Technology driven Higher Education” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 25, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

S. No.: GAD-TLC/2020/WB9/295

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College, University Of Delhi

has participated in the Faculty Development Programme: National Webinar entitled "Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 29, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

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Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector 3, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

S. No.: GAD-TLC/2020/WB11/1947

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College (University of Delhi),

has participated in the Faculty Development Programme: National Webinar entitled “**Challenges & Opportunities before Indian Higher education due to Covid-19**” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 2, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

AE *Am*
Ri
Prak
Ravi Kumar

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

S. No.: GAD-TLC/2020/WB12/253

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College

has participated in the Faculty Development Programme: National Webinar entitled “Corona Pandemic and Economic Challenges in India” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 4, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh

Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

AE

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Rui

Pratik

dy

Ravi Kumar

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Officializing
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Certificate

S.No.: GAD-TLC/2020/WB13/373

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College, University of Delhi

has participated in the Faculty Development Programme National Webinar entitled **"Challenges and Opportunities in Higher Education in India for the 21st Century"** jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD and IQAC, Hindu College, University of Delhi held on 08 May 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

-sd-

Dr Anju Srivastava
Principal, Hindu College

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

AE

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Prakhar

Ravi

Ar

Ravi Kumar

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

W-25

Mata Sundri College for Women
(University of Delhi)
National Webinar



On

Technology-Enabled Higher Education in India: Challenges and Opportunities
Certificate of Participation

This is to certify that Ms./Mr./Dr. Ravinder Kaur participated in the National Webinar on "Technology-Enabled Higher Education in India: Challenges and Opportunities" organized by Departments of Mathematics, Statistics and Computer Science, Mata Sundri College for Women, University of Delhi on June 15th, 2020 at 11:00 a.m. through Google Meet.

Sonia Aneja
Ms. Sonia Aneja
Convener

Mandeep Walia
Ms. Mandeep Walia
Co-Convener

Harpreet Kaur
Prof. Harpreet Kaur
Principal

Ranjana
Coordinator

Pratibha
Officiating Principal

Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

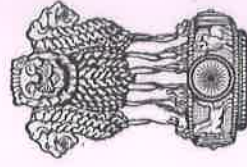




Guru Angad Dev
Teaching Learning Centre
of MHRD, GOI
S.G.T.B. Khalsa College
University of Delhi

PREMIUM LECTURE SERIES

The Changing Face of Education in India



सत्यमेव जयते

Government of India
Ministry of Human Resource Development

Examination Reforms and Online Assessment Tools

Certificate

This is to certify that

DR. RAVINDER KAUR, DEEN DAYAL UPADHYAYA COLLEGE,

UNIVERSITY OF DELHI

has participated in the One Day Premium Lecture/Webinar entitled "Examination Reforms and Online Assessment Tools" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD on 12th July 2020.

Government of India
Ministry of Human Resource Development

-sd-
Dr. Vimal Rarh

Project Head and Joint Director
GAD-TLC of MHRD

This is a Computer Generated Certificate with Unique Code and requires no signature

Certificate Code: GAD-TLC/2020-21/PLS1/1139

Session One:

Examination Reforms

Prof. Ved Prakash

Former Chairman, UGC

Session Two:

Examining India's

Examination System

Prof. A.K. Bakshi

Vice-Chancellor, PDM University,

Bahadurgarh, Haryana

Session Three:

Online Assessment Tools

Dr. Vimal Rarh

Project Head & Joint Director

GAD-TLC of MHRD

Session Four:

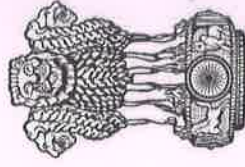
Demo of Proctored

Examination



PREMIUM LECTURE SERIES

The Changing Face of Education in India



सत्यमेव जयते

Government of India
Ministry of Human Resource Development

Guru Angad Dev
Teaching Learning Centre
of MHRD, GOI
S.G.T.B. Khalsa College
University of Delhi

Examination Reforms and Online Assessment Tools

Certificate

This is to certify that

**DR. RAVINDER KAUR, DEEN DAYAL UPADHYAYA COLLEGE
UNIVERSITY OF DELHI**

has participated in the One Day Premium Lecture/Webinar entitled "Curricula Reforms for 21st Century Higher Education" organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD on 26th July 2020.

Government of India
Ministry of Human Resource Development

Dr. Vimal Rarh

Project Head and Joint Director
GAD-TLC of MHRD

Session One:

Reforms in Curricular
Provisions

Prof. Ved Prakash
Former Chairman, UGC

Session Two:

Curricula in India's Education
System: A critical Analysis

Prof. A. K. Bakhshi
Vice-Chancellor, PDM University,
Bahadurgarh, Haryana

Session Three:

CBCS Curricula for Higher
Education

Dr. Jaswinder Singh
Principal, SGTB Khalsa College, University of
Delhi

Session Four:

Technology Empowered
Curricular Reforms

Dr. Vimal Rarh
Project Head & Joint Director GAD-TLC of
MHRD

Certificate Code: GAD-TLC/2020-21/WB27/53



SHRI GURU GOBIND SINGHJI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Vishnupuri, Nanded - 431606
&

INNOVATION, ENTREPRENEURSHIP & STARTUP (IES) FORUM



Certificate of Participation

This is to certify that

Dr. Ravinder Kaur

Participated in the webinar on

"Changing mindset with Changing Time"

by Dr. Pandit Vidyasagar (Former Vice Chancellor, SRTM University Nanded)
held on 12th December, 2020.

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

AS
Pr

Jagtap

Mr. Sanjay Jagtap
Convener,
IES FORUM

Pr
Pr

Prashant

Yashwant Joshi

Dr. Yashwant Joshi
Director
SGGSJET, Nanded

Dr. Ravinder Kaur

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Ravinder Kaur

Ravi Kumar

W-28

90

W-28



Guru Angad Dev
Teaching Learning Centre
A Centre of MHRD
under PMMMNMTT

S. No.: GAD-TLC/2020/WB4/253



सत्यमेव जयते
Government of India
Ministry of Human Resource
Development



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

This is to certify that

Dr. Ravinder Kaur, Deen Dayal Upadhyaya College, University Of Delhi, University Of Delhi

has participated in the Faculty Development Programme: National Webinar entitled "**Development of Higher Education in India: An Overview**" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on April 16, 2020. (This is equivalent to a regular National Seminar).

-sd-

Dr Vimal Rarh
Project Head & Joint Director

(This is a computer generated certificate. No signature is required)

www.tlckhalsa.in

Official stamp of Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College
(University of Delhi)

organizes

Special Public Webinar on August 25, 2020 at 04:00 pm

Certificate of Completion

This is to certify that

DR. RAVINDER KAUR

FACULTY OF DEPARTMENT OF ELECTRONICS, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

National Education Policy 2020 - Strategy for Self-Reliant India
Prof. Rajendra Pratap Gupta
Leading public policy expert and served as a member of the National Education Policy Committee

Dr. Hem Chand Jain
Officiating Principal

Deen Dayal Upadhyaya College, University of Delhi

Dr. Manoj Saxena, MNASc
IQAC Coordinator

Deen Dayal Upadhyaya College, University of Delhi



VIVEKANANDA COLLEGE

NAAC ACCREDITED: GRADE 'A'
UNIVERSITY OF DELHI



Certificate of Participation

This is to certify that Rajan Gupta has participated

in the Webinar entitled "COVID-19: IMPACT ON DIGITAL INDIA" organized by

Department of Computer Science, Vivekananda College on 6 May 2020
from 11:30 AM to 1:00 PM.

Officiating Principal,
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

A

Dr

P. Kishore

Dr. R. K. Kumar

Dr. Hina Nandrajog

Coordinator
Internal Quality Assurance Cell (IQAC)
Dean, Dayal Ugrasrayya College
University of Delhi

DR. HINA NANDRAJOG

Officiating Principal



BHARATI COLLEGE

University Of Delhi

CERTIFICATE OF PARTICIPATION

Initiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

This is to certify that Dr. Rajan Gupta from Deen Dayal Upadhyaya College, University of Delhi has participated in the webinar on the topic "Current Trends in Information Technology" organized by Department of Computer Science in Collaboration with Department of Mathematics, Bharati College, University of Delhi on 15th May 2020.

Rekha

Dr. Rekha Sapra

PRINCIPAL

Plakshini
Ravi Kumar

Aruna

Dr. Aruna Jain

CONVENOR

A

Dr. Rajan Gupta

Ravi Kumar



CENTER FOR
MANAGEMENT
STUDIES

CERTIFICATE OF PARTICIPATION

GYANIDHI – NATIONAL LEVEL WEBINAR SERIES

WEBINAR 8

This is to certify that

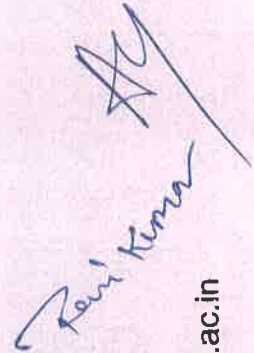
Dr. Rajan Gupta

has participated in a National Level Webinar presented by **Prof. Rahul Dé, IIM, Bangalore,**
titled **“Information Systems during and after the Covid-19”**
on 5th June 2020 organized by CMS, Jain (Deemed-to-be University).


Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi


Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78




Dr. Dinesh Nilkant
Director




Prasanna







www.cms.ac.in

95



St. JOSEPH'S COLLEGE OF ENGINEERING

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, Chennai - 600 119.

DEPARTMENT OF MBA

Certificate of Participation

This certificate is awarded to

Dr. Rajan Gupta

Deen Dayal Upadhyaya College, University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

For participating in a National level Webinar on "Research Proposals Preparation for Funding Agencies In Social Science Studies" organized by the Department of Management Studies, St. Joseph's college of Engineering on 11th June, 2020.

Dr. Jayasree Krishnan, M.B.A., Ph.D.
Head of the Department

Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D.
Principal



GANDHI P.R. COLLEGE BHOPAL

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. RAJAN GUPTA

has successfully attended the webinar on "Media's Remarkable
Support During Covid 19" held on 24 June 2020 organized by
Department of Media.

Principal
Gandhi P.R. College
City of Delhi
Gandhi P.R. College
New Delhi-78

[Signature]
Dr. Tayyab Saify
Principal

[Signature]
Principal

[Signature]

[Signature]

Surendra Gandhi
Chairman

Internal Officer
Dean of
Gandhi P.R. College
City of Delhi

W-37



GOVERNMENT COLLEGE, NARNAUL, HARYANA

Department of Computer Science

E-CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Rajan Gupta** has participated in the **Webinar on Assessment and Accreditation Process for Institutions of Higher Education** held on 30/06/2020, organized by Department of Computer Science, Government College Narnaul, Haryana, INDIA.

AK

[Signature]
Officiating Principal
Deen Dayal Upadhyaya College
(University of Technology)
Sector-3, Dwarka, New Delhi-78

Pratima

[Signature]

Dr. Satish Kumar
Convener, Webinar

[Signature]
Dr. Satish Kumar

Dr. Jagmesh Jakhar
Principal

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Enter to Learn, Leave to Succeed

Certificate of Participation

to

Rajan Gupta

For participating

at

[Signature]
Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Webinar -Tips for writing a high quality research paper

held on 7th July 2020

[Signature]

Miklesh Prasad Yadav
Convener

[Signature]

[Signature]

[Signature]

[Signature]

Sudhir Rana
Resource Person

99

W-39



**The National Academy of Sciences, India (NASI) - Delhi Chapter-
&
MHRD-Institution Innovation Council (IIC), Deen Dayal Upadhyaya College Chapter
(University of Delhi)
Under the aegis of DBT Star College Program
Jointly Organized**

Special Public Lecture (Webinar) on September 26, 2020 at 06:00 pm

Certificate of Completion

This is to certify that

RAJAN GUPTA

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Has Completed One Professional Development Hour by attending Webinar on

Granular Mining, Uncertainty Modelling and Data Science: Concepts, Models and Challenges

Prof. Sankar K. Pal, FNA, FASC, FTWAS, FIEEE, FIAPR

National Science Chair and Emeritus Professor

Distinguished Scientist and former Director Indian Statistical Institute, Kolkata, India

Registered Email ID of Attendee : Rgupta.cs.du@gmail.com
Certificate No. 2020/MHRDICDDUC/Technical Talk/Sep26/190

Dr. Manoj Saxena, MNASc
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi





GURU NANAK COLLEGE

[AUTONOMOUS]

Affiliated to University of Madras & Re-accredited at 'A' Grade by NAAC
Guru Nanak Salai, Velachery, Chennai – 600 042.

DEPARTMENT OF BIOTECHNOLOGY

[SCHOOL OF SCIENCES]

WEBINAR SERIES

ON

“FERMENTATION TECHNOLOGY”

Certificate of Participation

This is to certify that

Dr. Renu Solanki

Deen Dayal Upadhyaya College, University of Delhi

has actively participated in the **WEBINAR SERIES ON**
“FERMENTATION TECHNOLOGY” held from **13.07.2020** to
16.07.2020 organized by the **BIO SPECTRA ASSOCIATION** of the
DEPARTMENT OF BIOTECHNOLOGY, GURU NANAK COLLEGE
(AUTONOMOUS), GURU NANAK SALAI, VELACHERY,
CHENNAI – 600042.

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. M. G. RAGUNATHAN
PRINCIPAL

SARDAR MANJIT SINGH NAYAR
GENERAL SECRETARY &
CORRESPONDENT

Coordinator

Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Ravi Kumar



UGC-HRDC

Centre for Professional Development in Higher Education
University of Delhi



CPDHE/20/STC-PDVE/16

28th September 2020

TO WHOMSOEVER IT MAY CONCERN
PROVISIONAL CERTIFICATE

This is to certify that Mr./Ms./Dr. **Varnika Bhatia** from **Deen Dayal Upadhyaya College, University of Delhi, Delhi** has successfully completed the **Short Term Course on Personality Development and Value Education** conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi during **13th February 2020 to 19th February 2020**.

Further, due to COVID-19 pandemic, the certificate of the above said course are under process. So, treat this as a Provisional Certificate of the **Short Term Course on Personality Development and Value Education**. CPDHE assures you to forward the appropriate Certificate in due course of time.

Dr. Avneesh Mittal
Course Convenor
Bhaskaracharya College of Applied Sciences
University of Delhi, Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Yours sincerely

Prof. Geeta Singh
Director
CPDHE, UGC-HRDC

Checked by

Academic Research Centre, Guru Teg Bahadur Marg, University of Delhi, Delhi- 110007

☎ 91-11-27662065; Telefax: 91-11-27667099 Extn. 104, 201

Website: <http://cpdhe.du.ac.in>

E-mail: du.cpdhe@gmail.com,

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



Internal Quality Assurance Cell (IQAC)

ATMA RAM SANATAN DHARMA COLLEGE

(University of Delhi)

Accredited Grade 'A' By NAAC

All India 13th Rank in NIRF (MHRD)



Certificate No: RMTT/ARSD/732

In Collaboration with
TEACHING LEARNING CENTER, RAMANUJAN COLLEGE
(University of Delhi)

Certificate of Participation

This is to certify that Ms./Mr./Dr./Prof. VARNIKA BHATIA from DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI has participated in the One Week Online Faculty Development Programme on "RESEARCH METHODOLOGY: TOOLS & TECHNIQUES" under Pandit Madan Mohan Malviya National Mission on Teachers and Training Scheme of

MHRD, Govt. of India held from 5th-11th June, 2020 at ARSD College, University of Delhi.

V. Tuli
(DR. VINITA TULI)
CONVENER

S. P. Aggarwal
(DR. S. P. AGGARWAL)
PRINCIPAL
RAMANUJAN COLLEGE, UNIVERSITY OF DELHI

Gyantosh Kumar Jha
(DR. GYANTOSH KUMAR JHA)
PRINCIPAL
ARSD COLLEGE, UNIVERSITY OF DELHI



Inter University Centre for Disability Studies, Mahatma Gandhi University, Kottayam, Kerala
in collaboration with
MES's Pillai College of Education and Research, Chembur, Mumbai

CERTIFICATE OF COMPLETION

This is to certify that

DR. RENU SOLANKI

from Deen Dayal Upadhyaya College, University of Delhi

has completed the Online Short Term Course on

INCLUSIVE LEARNING ENVIRONMENT

conducted through a MOOC platform from 10/6/2020 - 18/6/2020.

Officialing Principal
 Deen Dayal Upadhyaya College
 (University of Delhi)
 Sector-3, Dwarka, New Delhi-78

[Signature]

DR. RENU FRANCIS
 Principal, MES's PCER,
 Chembur, Mumbai

[Signature]

DR. P. T. BABURAJ
 Director, IUCCDS - M.G. University,
 Kottayam, Kerala

[Signature]
 Coordinator
 Internal Quality Assurance Cell (IQAC)
 Deen Dayal Upadhyaya College
 University of Delhi

Renu Kuni



Queen Dayal Bagchiya College



Government of India
Ministry of Human Resource
Development

*Teaching Learning Centre
Ramanujan College
University of Delhi*

Sponsored by
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA
NATIONAL MISSION ON TEACHERS AND TEACHING

Certificate

This is to certify that

Dr. Rajan Gupta

of

Deen Dayal Upadhyaya College, University of Delhi

successfully completed a 4-Week Induction/Orientation Programme for
"Faculty in Universities/Colleges/Institutes of Higher Education"
from June 04 - July 01, 2020.



S. P. Aggarwal

Dr. S.P. AGGARWAL
Director, TLC
Principal, Ramanujan College

[Signature]

K. Latha

Dr. K. Latha
Programme Director,
TLC, Ramanujan College

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Ravi Kumar

VERIFIED

CERTIFICATE of ACHIEVEMENT

This is to certify that

Dr. Ravinder Kaur

successfully completed and received a passing grade in

GSE2x: Leaders of Learning

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

edX VERIFIED CERTIFICATE
Issued May 15, 2020

VALID CERTIFICATE ID
4cb44ddd0fef415ca6a3eb5ff5a8af89

HarvardX

Richard Elmore

Richard Elmore
Gregory R. Anrig Research Professor of Educational
Leadership
Harvard University

[Signature]
Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

ILLINOIS

07/14/2020

Dr. Ravinder Kaur

has successfully completed

e-Learning Ecologies: Innovative Approaches to Teaching and Learning for the Digital Age

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera

Coordinator
Internal Quality Assurance Cell (IQAC)
University of Delhi

Dr Bill Core
Professor, Department of Education Policy,
Organization & Leadership, College of Education
University of Illinois at Urbana-Champaign

Officializing Principal
Deen Dayal College
(University of Delhi)
New Delhi-78

Dr Mary Kalantzis
College of Education
University of Illinois at Urbana-Champaign

Verify at coursera.org/verify/4BV5ESUJ68BV
Coursera has confirmed the identity of this individual and their participation in the course.



COURSE
CERTIFICATE

CC-2

701

Ravi Kumar

VERIFIED

CERTIFICATE of ACHIEVEMENT



This is to certify that

Dr. Ravinder Kaur

successfully completed and received a passing grade in

LeadEd501x: Leading Ambitious Teaching and Learning

a course of study offered by MichiganX, an online learning initiative of the University of Michigan.

Officiating Principal
Deen Dava' Ubadhvaya College
(University of Delhi)
Sector-78, Delhi-78



VERIFIED CERTIFICATE
Issued September 4, 2020

VALID CERTIFICATE ID
a53d81b17e344ca9a9d4fd7c6137b70b

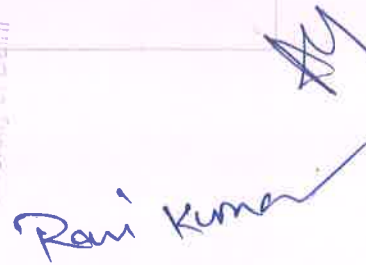

Donald J. Peurach
Associate Professor of Educational Policy, Leadership,
and Innovation
University of Michigan

Coordinator

Internal Quality Assurance Cell (IQAC)

Deen Dava' Ubadhvaya College

University of Delhi


Ravi Kumar

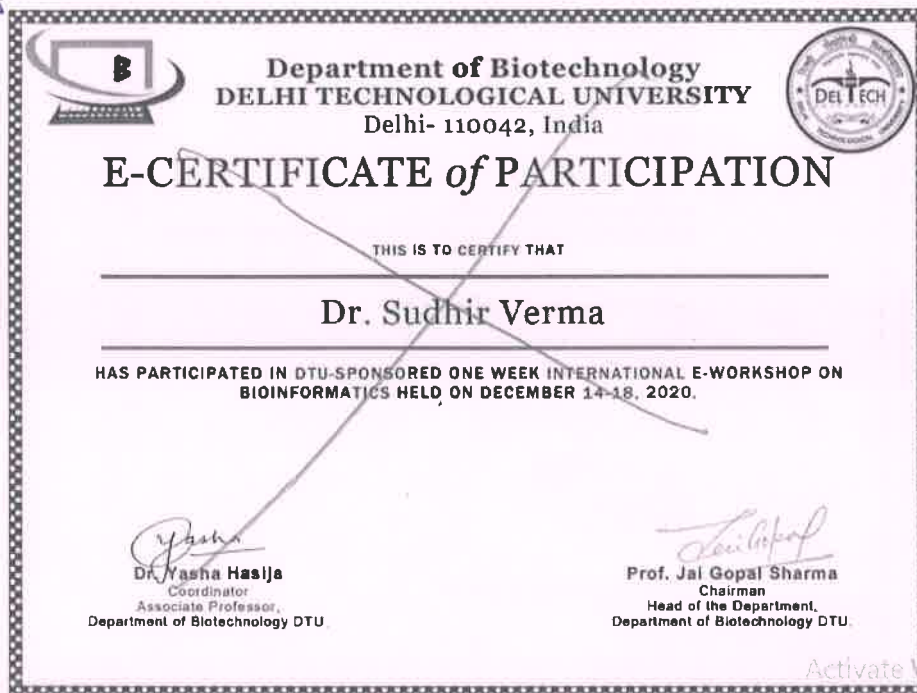

Pratibha


A


Ravi


A

CS-4
109



This is to certify that

Sudhir Verma

successfully completed the self-learning Online Course on

Understanding Open Educational Resources

offered by the Commonwealth of Learning, Canada
Course available at <https://learncoer.col.org>.

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Ana Bhambhani
Professor Asha S. Karmwar
President & Chief Executive Officer
Commonwealth of Learning

Oct 15, 2020

LUL is an international organization created by the Commonwealth Heads of Government to encourage the development and sharing of open learning, and to make education more accessible, affordable and relevant to the needs of the 21st century.

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

110

EMBO Courses & Workshops

CERTIFICATE OF PARTICIPATION

This is to confirm that

Sudhir Verma

attended the EMBO India/EMBO Symposium

Engineering meets evolution: Designing biological systems

from 30 January – 01 February 2020 in Chennai, India



Gerlind Wallon, PhD
EMBO Deputy Director

European Molecular
Biology Organization

Meyerhofstr. 1
69115 Heidelberg
Germany

phone +49 6221 8891 0
fax +49 6221 8891 200

embo@embo.org
www.embo.org

Date and location: 3 March 2021, Heidelberg



CC-5

111



Certificate No. IQAC/DOUC/2020/Training Program/MS Teams/72



Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
(University of Delhi)
Organized

Online Faculty Training Program on Microsoft Teams
July 27-29, 2020

Certificate of Participation

This is to certify DR. SUDHIR VERMA, Assistant Professor, Department of Zoology, Deen Dayal Upadhyaya College (University of Delhi) has attended the Online Faculty Training Program on Microsoft Teams organized by Internal Quality Assurance Cell (IQAC) Deen Dayal Upadhyaya College (University of Delhi) held on July 28, 2020.

Dr. Manoj Saxena
IQAC Coordinator

Dr. Hem Chand Jain
Officiating Principal

Official Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Workshop Participation Certificate

Inbox x



Academic Staff College JNU <asc.jnu@gmail.com>
to me

Sat, May 2, 2020, 11:22 PM



This is to certify that Prof./Dr. Mr./Ms. Sudhir Verma Participated in an online workshop on "Design, Develop and Deliver Online Courses with Moodle Learning Management System" organized by UGC-HRDC JNU, New Delhi on 30th April 2020 and 1st May 2020.

Prof. Madhav Govind
Director
UGC-HRDC
Jawaharlal Nehru University

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



राष्ट्रीय शैक्षिक योजना एवं प्रशासन संस्थान

(एन सी ई आर)

17-बी, सी. आर. मार्ग, नई दिल्ली 110 016

NATIONAL INSTITUTE OF EDUCATIONAL PLANNING AND ADMINISTRATION

(अनुमोदित है कि शैक्षणिक)

17-B, Sri Aurobindo Marg, New Delhi 110 016

EPABOX 91-11-2656 5620, 2654 4800 Fax 91-11-2655 3041, 2686 5180

E-mail: nuepa@niepa.org Website: www.nuepa.org

F.No.01/DHPE/NRCE/2019

January 7, 2020

Dear Dr. Sudhir Verma,

The National Resource Centre for Education (NRCE), established at National Institute of Educational Planning and Administration (NIEPA) is a key component under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMNMNTT) envisaged to address comprehensively all issues related to teachers, teaching, teacher preparation and professional development. The objective of NRCE is to develop a national repository of resources freely accessible to all the subject teachers.

Keeping your background and subject expertise, NIEPA invites you to participate in a Two-day Workshop on Realization of Teaching Learning Resources for Life-science Teachers, on 16-17 Jan, 2020.

The Venue of the workshop will be NIEPA itself.

You can confirm your participation as per the attached format, through e-mail to the following e-mail ids: nuepa@niepa.org, or rcd@lifebiology.nuepa.ac.in

Notwithstanding to mention, the travel expenses, accommodation (at NIEPA Guest House) and other logistics will be borne by NIEPA.

KINDLY NOTE: As per Government of India (GoI) rules, only Air India ticket bookings can be made, directly from the website or through agents approved by the GoI. The taxi from home to airport and from airport to NIEPA and back will be reimbursed for you, subject to submission of taxi bills.

We look forward to your participation.

Thanking you in advance for your positive response and support.

With best regards,

Yours sincerely,


Dr. Anil Srivastava
Coordinator, NRCE

Encl: Background Note and Participation Form

Dr. Sudhir Verma,
Assistant Professor,
Department of Zoology,
Datta Dey College,
University of Delhi.

CERTIFICATE

This certificate is issued to

Sandeep Jaggi

to certify that he/she participate

**4th Online International Summer School
on the Physics of Plasma-Surface Interactions
July 13 – 16, 2020**

Director of Laplas institute

Chairperson



Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-5, Dwarka, New Delhi-78

V.A. Kurnaev

MOSCOW 2020

laplas.mephi.ru

Certificate of Participation

This is to certify that

Dr. Poonam Kasturi
of

Deen Dayal Upadhyaya College

has successfully completed the Internship Program on

ASIC Physical Design and Verification - RTL2GDSII

held from 21st September to 20th October 2020, from

Sandeepani School of Embedded System Design, Bangalore.

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Certificate of Participation

This is to certify that

Dr. Poonam Kasturi
of

DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI
has successfully completed the online certification program on

Advanced VHDL using Xilinx Vivado

held from 6th Jul to 8th Jul 2020, by

Sandeepani School of Embedded System Design, Bangalore.

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Ms. Sadiya Arshad

Director Education and Skill Development

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Government Of India



Ministry of Education
Pandit Madan Mohan Malaviya National Mission on Teachers and
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Teaching Learning Centre
Ramanujan College
(University of Delhi)
and
Indian Accounting Association, NCR Chapter
2 Weeks Refresher Course
On

DATA ANALYSIS WITH STATISTICAL METHODS
(Sharpening Skills in Statistical Analysis through MS-Excel, SPSS,
MATLAB and R)
(21st December, 2020 - 3rd January, 2021)

Certificate

This is to certify that **Deepa Kamra**
of **Deen Dayal Upadhyaya College University of Delhi** has
participated and successfully completed
2 Weeks Refresher Course on Data Analysis With Statistical
Methods



S.P. Aggarwal

(Dr S.P. Aggarwal)
Principal,
Director TLC
Ramanujan College, DU

[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector 3, Dwarka, New Delhi - 75

J. L. Gupta

(Dr. J. L. Gupta)
Secretary, IAA, NCR
Chapter
Member, Executive
Council,
University of Delhi

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi



IEEE Electron Device Society (EDS) Delhi Chapter – India
&
Department of Electronic Science
University of Delhi South Campus, New Delhi, India



Certificate of Completion

This is to certify that

DR. RAVINDER KAUR

Associate Professor, Deen Dayal Upadhyaya College, University of Delhi

Has Completed **One Professional Development Hour** by attending IEEE Electron Device Society (EDS) Distinguished Lecture (DL)

on

Phase change electro-optical devices for space applications

Delivered by

Dr. Mina Rais-Zadeh, Group Supervisor, Advanced Optical and Electromechanical Microsystems Group, Micro Device Laboratory,
Jet Propulsion Laboratory (NASA JPL), Pasadena, CA

Held On

May 12, 2020

The DL was jointly organized by IEEE Electron Device Society (EDS) Delhi Chapter – India and Department of Electronic Science,
University of Delhi South Campus, New Delhi, India under EDS Distinguished Lecturer Program - Virtual Lectures

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Professor Mridula Gupta, SMIEEE, FIETE
Chairperson-IEEE EDS Delhi Chapter
Head, Department of Electronic Science
University of Delhi South Campus,
New Delhi 110021, India

Registered Email ID of Attendee : ravdduc@gmail.com



IEEE Electron Device Society (EDS) Delhi Chapter – India

&

**Department of Electronic Science
University of Delhi South Campus, New Delhi, India**



Certificate of Completion

This is to certify that

DR RAVINDER KAUR

ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRONICS, DEEN DAYAL UPADHYAYA COLLEGE

Has Completed One Professional Development Hour by attending IEEE Electron Device Society (EDS) Distinguished Lecture (DL)

on

Compact Modeling and Parameter Extraction for Oxide and Organic Thin Film Transistors (TFTs)

Delivered by

Benjamin Iñiguez, Department of Electrical, Electronics Engineering and Automatic Control Engineering, Universitat Rovira i Virgili, Tarragona, Spain

Held On

May 31, 2020

The DL was jointly organized by IEEE Electron Device Society (EDS) Delhi Chapter – India and Department of Electronic Science, University of Delhi South Campus, New Delhi, India under EDS Distinguished Lecturer Program - Virtual Lectures

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Registered Email ID of Attendee : ravdduc@gmail.com

Professor Mridula Gupta, SMIEEE, FIETE
Chairperson-IEEE EDS Delhi Chapter
Head, Department of Electronic Science
University of Delhi South Campus,
New Delhi-110021, India

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-75

PD-4



Department of
BioTechnology,
Government
of India

सत्यमेव जयते

The National Academy of Sciences, India (NASI) - Delhi Chapter-
&
MHRD-Institution Innovation Council (IIC)
Deen Dayal Upadhyaya College Chapter
(University of Delhi)
Under the aegis of DBT Star College Program
Jointly Organizes



INSTITUTION'S
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COUNCIL
(Ministry of HRD Initiative)

Technical Talk(Webinar) on June 08, 2020 at 06:30 pm

Certificate of Completion

This is to certify that

DR. RAVINDER KAUR

ASSOCIATE PROFESSOR, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

Endofullerenes: Nano-scale test tubes for single molecules and atoms

Professor Malcolm Levitt

School of Chemistry at the University of Southampton

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Registered Email ID of Attendee : ravdduc@gmail.com
Certificate No. 2020/MHRDICDDUC/Technical Talk/June08/14

Dr. Manoj Saxena, MNASC
Program Coordinator-DBT Star College (DDU)
Deen Dayal Upadhyaya College, University of Delhi

Officialing Principal
Deen Dayal Upadhyaya College
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Sector-3, Dwarka, New Delhi-78

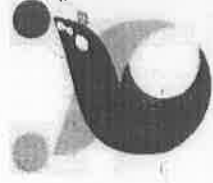
Ravi Kumar

P. K. Singh
Ravi
B. S.

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(Ministry of HRD Initiatives)

The National Academy of Sciences, India (NASI) - Delhi Chapter -

&

MHRD-Institution Innovation Council (IIC), Deen Dayal Upadhyaya College Chapter
(University of Delhi)

*Under the aegis of DBT Star College Program
Jointly Organized*

Special Public Lecture (*Webinar*) on October 08, 2020 at 06:00 pm

Certificate of Completion

This is to certify that

POONAM KASTURI

Has Completed One Professional Development Hour by attending Webinar on

A Voyage through time: Dynamics at molecular length and time scales

Prof. Biman Bagchi

FNA, FASc, FNASc, FTWAS, Foreign Fellow, American Academy of Arts and Sciences,
National Science Chair, Honorary Professor, Indian Institute of Science, Bangalore, India

Registered Email ID of Attendee : kasturipoonam71@gmail.com
Certificate No. **2020/MHRDIICDDUC/Technical Talk/Oct08/277**

Dr. Manoj Saxena, A
Program Coordinator-DBT Star College
Deen Dayal Upadhyaya College, University of Delhi



The National Academy of Sciences, India (NASI) - Delhi Chapter-

MHRD-Institution Innovation Council (IIC)

Deen Dayal Upadhyaya College Chapter

(University of Delhi)

Under the aegis of DBT Star College Program

Jointly Organized

Special Public Lecture (Webinar) on August 30, 2020 at 07:00 pm



Certificate of Completion

This is to certify that

POONAM KASTURI

Has Completed One Professional Development Hour by attending Webinar on

Wireless AI: A New Sixth Sense to Deciphering our World

Professor K. J. Ray Liu

Electrical and Computer Engineering Department, University of Maryland, College Park

Registered Email ID of Attendee :kasturipoonam71@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/August30/213

Dr. Manoj Saxena, A
Program Coordinator-DBT Star College
Deen Dayal Upadhyaya College, University of Delhi



Department of
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सत्यमेव जयते

The National Academy of Sciences, India (NASI) - Delhi Chapter-
&

MHRD-Institution Innovation Council (IIC)

Deen Dayal Upadhyaya College Chapter

(University of Delhi)

Under the aegis of DBT Star College Program

Jointly Organized

Special Public Lecture (Webinar) on July 28, 2020 at 10:00 am

Certificate of Completion

This is to certify that

DR. POONAM KASTURI

ASSOCIATE PROFESSOR, DEPARTMENT OF ELECTRONICS, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

Physics Does Digital Optimization- for Machine Learning, Control Theory, Back Propagation

Professor Eli Yablonovitch

The James & Katherine Lau Engineering Chair Professor, Electrical Engineering & Computer Sciences Dept.,

Director of the NSF Center for Energy Efficient Electronics Science, E3S Member,

Kavli Energy Nano-Sciences Institute at Berkeley Senior Faculty Scientist, Lawrence Berkeley National Laboratory University of California, Berkeley

Registered Email ID of Attendee : kasturipoonam71@gmail.com
Certificate No. 2020/MHRDIICDDUC/Technical Talk/July28/93

Dr. Manoj Saxena, A

Program Coordinator-DBT Star College
Deen Dayal Upadhyaya College, University of



**SRI AUROBINDO COLLEGE
DEPARTMENT OF COMMERCE**

Under the aegis of IQAC



WEBINAR

on

COVID-19 CATASTROPHE: AN OPPORTUNITY FOR INDIA?

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. Deepti Gupta participated in the Webinar on 'COVID-19 CATASTROPHE: AN OPPORTUNITY FOR INDIA?' organised by Department of Commerce, Sri Aurobindo College under the aegis of IQAC on 23 April, 2020 through Google Meet.

Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

Dr. Subhanjali Chopra
Teacher-in-charge

Dr. Vipin Kumar Aggarwal
Principal

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



Internal Quality Assurance Cell (IQAC)

Deen Dayal Upadhyaya College
(University of Delhi)

organizes

Special Public Webinar on August 25, 2020 at 04:00 pm

Certificate of Completion

This is to certify that

DEEPTI GUPTA

FACULTY OF DEPARTMENT OF COMMERCE, DEEN DAYAL UPADHYAYA COLLEGE, UNIVERSITY OF DELHI

Has Completed One Professional Development Hour by attending Webinar on

National Education Policy 2020 - Strategy for Self-Reliant India

Prof. Rajendra Pratap Gupta

Leading public policy expert and served as a member of the National Education Policy Committee


Dr. Hem Chand Jain
Officiating Principal
Deen Dayal Upadhyaya College, University of Delhi


Dr. Manoj Saxena, MNASC
IQAC Coordinator
Deen Dayal Upadhyaya College, University of Delhi

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-75



SHYAMA PRASAD MUKHERJI COLLEGE (FOR WOMEN)

University of Delhi

DEPARTMENT OF COMMERCE

Webinar On

“LIQUIDATION OF COMPANIES AND
INSOLVENCY & BANKRUPTCY CODE”

20th April, 2020

Certificate of Participation

✓
This is to certify that Ms/Mr/Dr/Prof.,.....
has participated in the Webinar on “Liquidation of Companies and Insolvency &
Bankruptcy Code”.

Deepthi Gupta

Prabha Rani
Convener

Dr. Prabha Rani
Coordinator

Sadhna
Patron

Dr. Sadhna Sharma
Principal

124
Officializing Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78



Dyal Singh College University of Delhi

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DEPARTMENT OF COMMERCE

Under the aegis of IQAC
E-Certificate of Attendance

This is to certify that Ms. Deepti Gupta, Deen Dayal Upadhyaya College, Delhi University has attended the Webinar on "Revisiting Marketing in COVID-19 Era" held on 14th May, 2020 from 5:30pm to 6:30pm.

[Signature]

Officiating Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78

Dr. Thirumoorthy R.
Teacher-in-charge

Dr. Alka Gupta
Director IQAC

Note: This is an E-Certificate and does not require signature.

Dr. Anita Goel
Principal(offg.)

[Signature]
Coordinator
Internal Quality Assurance Cell (IQAC)
Deen Dayal Upadhyaya College
University of Delhi

[Signature]

[Signature]

[Signature]
Principal

[Signature]
Ravi Kumar



S.No. FDP35056



Mahatma Hansraj Faculty Development Centre

A Centre of MoE, Govt. of India
Under Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
(PMMMNTT)

Certificate

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

Nitumoni Kakati

from

Deen Dayal Upadhyay College, University of Delhi

has successfully completed

One week (Online) Faculty Development Programme on

"HIND SWARAJ"

(23rd January - 30th January, 2021)

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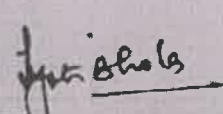
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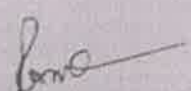
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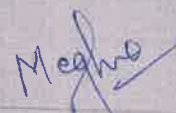
Hansraj College, University of Delhi.


Prof. Ramesh C. Bharadwaj
Director, Gandhi Bhawan,
University of Delhi

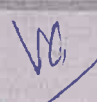

Dr. Jyoti Bhola
Coordinator, MHRFDC


Prof. Rama
Chairperson, MHRFDC













DEEN DAYAL UPADHYAYA COLLEGE
(University of Delhi) in association with
K.T.H.M. COLLEGE, NASHIK is organizing a
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Dr. Shailly Anand & Dr. Renu Solanki (Convenors – FTP, Deen Dayal Upadhyaya College) &

Dr. Kalpesh Amrutkar (Convenor – FTP, K.T.H.M. College, Nashik)



1

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Branch: Karampura, New Delhi
110015
A/c No: 52012122001393
IFSC: ORBC0105201

An
Renu

Dr

Megha

Dr

