



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



सत्यमेव जयते
Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi

Certificate

FACULTY DEVELOPMENT PROGRAM
19th July to 25th July 2022
SAFER AND GREENER CHEMISTRY LABS

This is to certify that

**DR. SHUCHI DHINGRA, SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN,
UNIVERSITY OF DELHI**

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

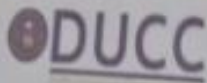

Prof. Jaswinder Singh
Principal, S.G.T.B Khalsa College
University of Delhi

सत्यमेव जयते


Prof. Vimbi Rash
Project Head & Joint Director
GAD-TLC of Ministry of Education

UNIQUE CERTIFICATE NO.: OFDP-87/217


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Industrial Training Certificate

• **DesignTech**

Enabling the Future

 **MathWorks** | Authorized Reseller

This certificate is awarded to

Dr. Shuchi Dhingra

Department of Chemistry, Shaheed Rajguru College of Applied Sciences for Women

at


Delhi University Computer Centre (DUCC)

University of Delhi, Delhi – 110007

On Successful Completion of Two Day (18/05/2023–19/05/2023)
Industrial Training on Data Sciences & Artificial Intelligence.


Prof. Sanjeev Singh (Director)

Delhi University Computer Centre (DUCC)



M M Zafar (National Manager)

DesignTech Systems Pvt. Ltd.



100 DAYS SKILL FESTIVAL

One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences"



Organized by

*Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET),
University of Delhi South Campus*



&

*Delhi School of Skill Enhancement and Entrepreneurship (DSSEED), University of Delhi
in collaboration with*

*Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi
(A Centre of MoE, Govt. of India Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching)*

This is to certify that **Varsha Mehra** has participated and successfully completed the One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences" held from February 6th – 11th, 2023.


Professor Amita Gupta
Director, CIIDRET



Dr. Vijay Chaudhary
Director (Hon.), DSSEED-IoE
 दिल्ली विश्वविद्यालय INSTITUTE OF EMINENCE
University of Delhi प्रतिष्ठित संस्थान


Prof. (Dr.) Rama
Chairperson, MHRFDC &
Principal, Hansraj College
 हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —



100 DAYS SKILL FESTIVAL

One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences"



Organized by

*Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET),
University of Delhi South Campus*



&

*Delhi School of Skill Enhancement and Entrepreneurship (DSSEED), University of Delhi
in collaboration with*

*Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi
(A Centre of MoE, Govt. of India Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching)*

This is to certify that **Radhika Bakhshi** has participated and successfully completed the One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences" held from February 6th – 11th, 2023.


Professor Amita Gupta
Director, CIIDRET



Dr. Vijay Chaudhary
Director (Hon.), DSSEED-IoE
 दिल्ली विश्वविद्यालय INSTITUTE OF EMINENCE
University of Delhi प्रतिष्ठित संस्थान


Prof. (Dr.) Rama
Chairperson, MHRFDC &
Principal, Hansraj College
 हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —



Guru Angad Dev
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सत्यमेव जयते
Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
27th October to 03rd November 2022

This is to certify that

DR. TARUN KUMAR of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One-Week Online National Faculty Development Program "**Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Basic IT tools 2. SEC: Advanced Spreadsheet Tools 3. SEC: Statistical Software Package with SPSS


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




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

UNIQUE CERTIFICATE NO: OFDP-101/120



सत्यमेव जयते
Ministry of Education
Government of India



S.No.IP10090



**Mahatma Hansraj
Faculty Development Centre**



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

Certificate

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

Mohita Bhagat

from

Shaheed Rajguru College of Applied Sciences

has successfully completed

One Week (Online) International Faculty Development Programme on
"Modern scientific technologies – Ways to enhance research skills"
(26th December– 31st December, 2022)

organised by

Mahatma Hansraj Faculty Development Centre

Hansraj College, University of Delhi

in collaboration with

K.R. Mangalam University, Gurugram & Motilal Nehru College, University of Delhi

Prof. (Dr.) C.S. Dubey
Vice Chancellor
K.R. Mangalam University

Prof. (Dr.) Shrivatsa
Principal
Motilal Nehru College

Prof. (Dr.) Jyoti Bhola
Coordinator
MHRFDC

Prof. (Dr.) Rama
Chairperson
MHRFDC



**Guru Angad Dev
TEACHING LEARNING CENTRE**
A Centre under Pandit Madan Mohan Malaviya National Mission on
Teachers and Teaching (PMMNMTT), MHRD, Govt. of India.
SRI GURU TEGH BAHADUR KHALSA COLLEGE
UNIVERSITY OF DELHI




03rd November 2022

**Provisional Certificate
To whom it may concern**

This is to certify that **DR. MOHITA BHAGAT, SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES, UNIVERSITY OF DELHI** has participated in **Phase-I of Series of National Online Faculty Development Programs (FDPs)** for Capacity building towards NEP-2020 based Skill Enhancement Courses organized by University of Delhi in collaboration with Guru Angad Dev Teaching Learning Centre, a Centre under PMMNMTT, Ministry of Education, Government of India held from **27th October to 03rd November 2022**.

The final certificate with more details & grades will be issued subject to successful completion of various activities.


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



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



University of Delhi

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
27th October to 03rd November 2022

This is to certify that

DR. BHAWANA of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One-Week Online National Faculty Development Program "**Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Basic IT tools 2. SEC: Advanced Spreadsheet Tools 3. SEC: Statistical Software Package with SPSS


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-101/046



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



University of Delhi

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
4th November to 11th November 2022

This is to certify that

DEEPALI BAJAJ of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One Week Online National Faculty Development Program "**Big Data Analytics**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Big Data Analytics


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-106/007



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



University of Delhi

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
4th November to 11th November 2022

This is to certify that

URMIL BHARTI of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One Week Online National Faculty Development Program "**Big Data Analytics**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Big Data Analytics


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-106/064



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



University of Delhi

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
4th November to 11th November 2022

This is to certify that

TINA SACHDEVA of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One-Week Online National Faculty Development Program "**Visual Communications, Photography, Graphic Design & Animation and Digital Film Production**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Visual Communication and Photography 2. SEC: Digital Film Production 3. SEC: Graphic Design and Animation


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-108/089



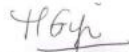
CERTIFICATE OF PARTICIPATION

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

This is to certify that Ms./Mr./Dr./Prof. **Venika Gupta** from **Shaheed Rajguru College of Applied Sciences for Women, University of Delhi** has attended one week online workshop on "Recent Development in the Field of Electronics (RDFE-2022)" (Based upon FYUP-DU for Electronics as per National Education Policy- 2020) held from 25th to 29th July 2022.

(The workshop is the part of Centenary Celebration of University of Delhi and 75th Anniversary of the Transistor Invention)


Prof. Manoj Saxena
CHAIR
IEEE EDS, DELHI CHAPTER


Sr. Prof. Mridula Gupta
HEAD
DEPARTMENT OF ELECTRONIC SCIENCE


Prof. Malay Ranjan Tripathy
CHAIR
IEEE AP-S & CRFID, DELHI CHAPTER



CYBER-PHYSICAL SYSTEMS – DISTINGUISHED LECTURE SERIES (CPS-DLS)

on

ALL THINGS 'FOURIER'

A RANDOM WALK IN FREQUENCY SPACE NETWORK

Jointly organized by

Institute of Informatics and Communication (IIC), University of Delhi

&

IEEE, SPS - Delhi Chapter

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Dr./Prof **Venika Gupta** participated in the online lecture by **Prof Sumantra Dutta Roy**, Department of Electrical Engineering, Indian Institute of Technology, Delhi on December 22, 2022.


Dr Geetika Jain Saxena
Convener, CPS-DLS
Department of Electronics
Maharaja Agrasen College, University of Delhi

C.No: CPS-06/133


Prof Sanjeev Singh
Chairperson, CPS-DLS
Institute of Informatics & Communication
University of Delhi South Campus



Industrial Training Certificate



MathWorks | Authorized Reseller

This certificate is awarded to

Ms. Venika Gupta

Department of Electronics, Shaheed Rajguru College of Applied Sciences for Women

at

Delhi University Computer Centre (DUCC)
University of Delhi, Delhi – 110007

On Successful Completion of Two Day (18/05/2023–19/05/2023)
Industrial Training on Data Sciences & Artificial Intelligence.

Prof. Sanjeet Singh (Director)
Delhi University Computer Centre (DUCC)

M M Zafar (National Manager)
DesignTech Systems Pvt. Ltd.



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सत्यमेव जयते
Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi

Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM
27th October to 03rd November 2022

This is to certify that

DR. MONIKA TYAGI of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One-Week Online National Faculty Development Program "**Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.
1. SEC: Basic IT tools 2. SEC: Advanced Spreadsheets Tools 3. SEC: Statistical Software Package with SPSS

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

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

UNIQUE CERTIFICATE NO: OFDP-101/068

CERTIFICATE OF PARTICIPATION



This is to certify that

Dr. Monika Tyagi

has successfully participated in Mushroom Cultivation and Faculty Development Program from 31/10/2022 to 04/02/2023 conducted by Enactus Shaheed Rajguru, an entrepreneurial society in collaboration with the Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.

Convenor, Enactus
Shaheed Rajguru

President, Enactus
Shaheed Rajguru

HOD, Microbiology
Department

Principal, Shaheed
Rajguru College



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Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi

Certificate

15 DAYS REFRESHER COURSE
27th October to 11th November 2022

This is to certify that

SONIA AHLWAT of SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI has successfully completed fifteen days Online National Refresher Course "Python: Essentials, Programming and Analytics & Big Data Analytics" jointly organized by University of Delhi and 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. This was conducted in online mode with fifteen day's involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained Grade "A" as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Essentials of Python
2. SEC: Programming using Python
3. SEC: Analytics with Python
4. SEC: Big Data Analytics

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

सत्यमेव जयते

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



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



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Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



UNIVERSITY OF DELHI


Certificate

ONE WEEK FACULTY DEVELOPMENT PROGRAM
27th October to 03rd November 2022

This is to certify that

DR. NEHA KATYAL of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has successfully completed One-Week Online National Faculty Development Program **"Python: Essentials, Programming and Analytics"** jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.
1. SEC: Essentials of Python 2. SEC: Programming using Python 3. SEC: Analytics with Python


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-102/100



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



UNIVERSITY OF DELHI

Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
27th October to 03rd November 2022

This is to certify that

MS. SURBHI AGGARWAL of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI**

has successfully completed One-Week Online National Faculty Development Program **"Python: Essentials, Programming and Analytics"** jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.
1. SEC: Essentials of Python 2. SEC: Programming using Python 3. SEC: Analytics with Python


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: OFDP-102/059





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



University of Delhi

Certificate


15 DAYS REFRESHER COURSE
27th October to 11th November 2022

This is to certify that

DR. SUNIL KUMAR of SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI has **successfully completed** fifteen days Online National Refresher Course "**Python: Essentials, Programming and Analytics & Big Data Analytics**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with fifteen day's involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Essentials of Python
2. SEC: Programming using Python
3. SEC: Analytics with Python
4. SEC: Big Data Analytics


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


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

UNIQUE CERTIFICATE NO: GAD-TLC-22-23-DU-SEC-REFC-081



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



University of Delhi

Certificate


15 DAYS REFRESHER COURSE
27th October to 11th November 2022

This is to certify that

DR. RAVI KUMAR of SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI has **successfully completed** fifteen days Online National Refresher Course "**Python: Essentials, Programming and Analytics & Big Data Analytics**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with fifteen day's involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained **Grade "A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Essentials of Python
2. SEC: Programming using Python
3. SEC: Analytics with Python
4. SEC: Big Data Analytics


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


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

UNIQUE CERTIFICATE NO: GAD-TLC-22-23-DU-SEC-REFC-082



100 DAYS SKILL FESTIVAL

One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences"



Organized by

*Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET),
University of Delhi South Campus*

&

*Delhi School of Skill Enhancement and Entrepreneurship (DSSEED), University of Delhi
in collaboration with*

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

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

This is to certify that **Aarti Yadav** has participated and successfully completed the One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences" held from February 6th – 11th, 2023.

Professor Amita Gupta
Director, CIIDRET

CIIDRET

Dr. Vijay Chaudhary
Director (Hon.), DSSEED-IoE



दिल्ली विश्वविद्यालय INSTITUTE OF EMINENCE
University of Delhi प्रतिष्ठित संस्थान

Prof. (Dr.) Rama
Chairperson, MHRFDC &
Principal, Hansraj College



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —



100 DAYS SKILL FESTIVAL

One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences"



Organized by

*Centre for Innovation in Infectious Disease Research, Education and Training (CIIDRET),
University of Delhi South Campus*

&

*Delhi School of Skill Enhancement and Entrepreneurship (DSSEED), University of Delhi
in collaboration with*

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

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

This is to certify that **Preeti Verma** has participated and successfully completed the One Week Online Faculty Development Programme on "Advanced Technologies in Life Sciences" held from February 6th – 11th, 2023.

Professor Amita Gupta
Director, CIIDRET

CIIDRET

Dr. Vijay Chaudhary
Director (Hon.), DSSEED-IoE



दिल्ली विश्वविद्यालय INSTITUTE OF EMINENCE
University of Delhi प्रतिष्ठित संस्थान

Prof. (Dr.) Rama
Chairperson, MHRFDC &
Principal, Hansraj College



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —



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



This is to certify that

Dr. Richa Sharma

of
Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women,
University of Delhi

successfully completed a 4-Week Faculty Induction/Orientation Programme for
“Faculty in Universities/Colleges/Institutes of Higher Education”
from 21 November – 20 December, 2022 and obtained

Grade **A⁺**.



Blockchain Hash: [0x19dd8894346c314f1e8b3defb9580592bfde278ce2d56b5751c11b886653aa6e](https://www.blockchain.com/tx/0x19dd8894346c314f1e8b3defb9580592bfde278ce2d56b5751c11b886653aa6e)

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

Mr. Vipin Rathi
(Convenor)
Ramanujan College



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



This is to certify that

Dr. Kohinoor Kaur

of

Shaheed Rajguru College of Applied Sciences for Women, University of Delhi
successfully completed a 4-Week Faculty Induction/Orientation Programme for
“Faculty in Universities/Colleges/Institutes of Higher Education”
from 21 November – 20 December, 2022 and obtained
Grade **A⁺**.



Blockchain Hash: [0x2cad96de8f9d015b8afc5da74f6e7040a43a3c1556b50c563d2b3861323242d7](https://www.blockchain.com/transaction/0x2cad96de8f9d015b8afc5da74f6e7040a43a3c1556b50c563d2b3861323242d7)

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

Mr. Vipin Rathi
(Convenor)
Ramanujan College



Summer School on
**Optics & Photonics:
Fundamentals and Applications**
Indian Institute of Technology Delhi
Optics and Photonics Centre



and
**Delhi Chapter,
National Academy of Sciences, India (NASI)**

June 6-24, 2022, IIT Delhi
(online)

Certificate of Participation

This is to certify that **Pooja Sharma** has attended the 3-Week Summer School on **Optics and Photonics: Fundamentals and Applications** organized online during June 6-24, 2022 by the Optics and Photonics Centre, Indian Institute of Technology Delhi and the Delhi Chapter of the National Academy of Sciences, India (NASI). The broad topics covered during the School are given below.



(Anurag Sharma) (Joby Joseph)

Coordinators

Optics and Photonics Centre, IIT Delhi

Topics covered at the Summer School

Electromagnetic Waves; Geometrical Optics, Optical Instruments, Special Optical Systems, Adaptive Optics; Interference, Interferometry and Metrology; Coherence and Polarization, Birefringence, Polarization Components and Systems; Diffraction, Fourier Optics and Optical Image Processing, Holography, Optical Encryption; Lasers and Optical Resonators, Semiconductor Optoelectronics, Optical Amplifiers, Laser Systems, Laser Spectroscopy; Microscopy, Super Resolution Imaging, Computational Imaging, Imaging through Scattering Media; Singular Optics; Nonlinear Optics and Optical Parametric Processes, Quantum Optics; Optical Waveguidance and Fibers, Guided Wave Devices, Fiber Amplifiers and Lasers, Optical Communication & Networks; Nanophotonic Materials: 1D and 3D Structures, Plasmonics, Metamaterials; Optical Sensors, Biophotonics, Green Photonics

Summer School Organizing Committee

Anurag Sharma, Joby Joseph, M.R. Shenoy, P. Senthikumar, D.S. Mehta,
R.K. Varshney, G.V. Prakash and Kedar Khare



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



University of Delhi

Certificate

15 DAYS REFRESHER COURSE
27th October to 11th November 2022

This is to certify that

DR. POOJA SHARMA of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI** has **successfully completed** fifteen days Online National Refresher Course "**Python: Essentials, Programming and Analytics & Big Data Analytics**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with fifteen day's involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Essentials of Python
2. SEC: Programming using Python
3. SEC: Analytics with Python
4. SEC: Big Data Analytics

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



सत्यमेव जयते

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

UNIQUE CERTIFICATE NO: GAD-TLC-22-23-DU-SEC-REFC-071



Summer School on
**Optics & Photonics:
Fundamentals and Applications**
Indian Institute of Technology Delhi
Optics and Photonics Centre

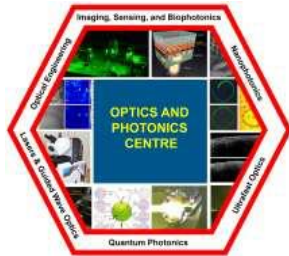


and
**Delhi Chapter,
National Academy of Sciences, India (NASI)**

June 6-24, 2022, IIT Delhi
(online)

Certificate of Participation

This is to certify that Dr. Manoj Kumar Jaiswal has attended the 3-Week Summer School on **Optics and Photonics: Fundamentals and Applications** organized online during June 6-24, 2022 by the Optics and Photonics Centre, Indian Institute of Technology Delhi and the Delhi Chapter of the National Academy of Sciences, India (NASI). The broad topics covered during the school are given below.



(Anurag Sharma) (Joby Joseph)

Coordinators

Optics and Photonics Centre, IIT Delhi

Topics covered at the Summer School

Electromagnetic Waves; Geometrical Optics, Optical Instruments, Special Optical Systems, Adaptive Optics; Interference, Interferometry and Metrology; Coherence and Polarization, Birefringence, Polarization Components and Systems; Diffraction, Fourier Optics and Optical Image Processing, Holography, Optical Encryption; Lasers and Optical Resonators, Semiconductor Optoelectronics, Optical Amplifiers, Laser Systems, Laser Spectroscopy; Microscopy, Super Resolution Imaging, Computational Imaging, Imaging through Scattering Media; Singular Optics; Nonlinear Optics and Optical Parametric Processes, Quantum Optics; Optical Waveguidance and Fibers, Guided Wave Devices, Fiber Amplifiers and Lasers, Optical Communication & Networks; Nanophotonic Materials: 1D and 3D Structures, Plasmonics, Metamaterials; Optical Sensors, Biophotonics, Green Photonics

Summer School Organizing Committee

Anurag Sharma, Joby Joseph, M.R. Shenoy, P. Senthilkumaran, D.S. Mehta,
R.K. Varshney, G.V. Prakash and Kedar Khare



Industrial Training Certificate



 MathWorks | Authorized Reseller

This certificate is awarded to

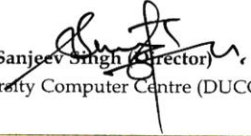
Dr. Manoj Kumar Jaiswal


Department of Physics, Shaheed Rajguru College of Applied Sciences for Women

at

Delhi University Computer Centre (DUCC)
University of Delhi, Delhi – 110007

On Successful Completion of Two Day (18/05/2023–19/05/2023)
Industrial Training on Data Sciences & Artificial Intelligence.


Prof. Sanjeev Singh (Director)
Delhi University Computer Centre (DUCC)


M M Zafar (National Manager)
DesignTech Systems Pvt. Ltd.



CPDHE (UGC-HRDC)

Centre for Professional Development in Higher Education
Human Resource Development Centre
University of Delhi, Delhi

Certificate

UGC-Sponsored Refresher Course

This is to certify that

Ritika Chopra

Shaheed Rajguru College of Applied Sciences for Women,
University of Delhi, Delhi

Participated in 2 weeks online Refresher Course in

Mathematics/ Operational Research/
Statistics and Computer Science (ID)*

from September 02, 2022 to September 15, 2022

and obtained grade 'A+'.

*Inter-Disciplinary Refresher Course

Course Coordinator

Director

Registrar



Teaching Learning Centre, Ramanujan College

University of Delhi

In collaboration with

Women's College, Tinsukia

under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

This is to certify that

Dr. Ritika Chopra

of

Department of Mathematics, Shaheed Rajguru College of Applied Sciences for Women,
University of Delhi

successfully completed a 4-Week Faculty Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education"

from 20 October – 18 November, 2022 and obtained

Grade **A+**.



Blockchain Hash: [0x129c9dd8d7e6e86165df65e350f3bc8b9e96ea25470fb820fa44d40fba57](https://www.blockchain.com/explorer/transactions/ETH/0x129c9dd8d7e6e86165df65e350f3bc8b9e96ea25470fb820fa44d40fba57)

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



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Ministry of Education
Government of India



Dr. Rajib Bordoloi
(Principal)
Women's College, Tinsukia



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Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi

Certificate

15 DAYS REFRESHER COURSE

27th October to 11th November 2022

This is to certify that

DR. SHALU SHARMA of SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN, UNIVERSITY OF DELHI has successfully completed fifteen days Online National Refresher Course **"Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS & Statistics with 'R', Financial Database and Analysis Software"** jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with fifteen days involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained Grade **"A+"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.

1. SEC: Basic IT tools
2. SEC: Advanced Spreadsheet Tools
3. SEC: Statistical Software Package with SPSS
4. SEC: Statistics with 'R'
5. SEC: Financial Database and Analysis Software

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

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

UNIQUE CERTIFICATE NO: GAD-TLC-22-23-DU-SEC-REFC-012



Guru Angad Dev
Teaching Learning Centre
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Government of India
Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi


Certificate


ONE WEEK FACULTY DEVELOPMENT PROGRAM
4th November to 11th November 2022

This is to certify that

ARUSHI GOYAL of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN** has successfully completed One-Week Online National Faculty Development Program "**Statistics with 'R', Financial Database and Analysis Software**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with one week's involvement in a flexible mode. This online FDP is equivalent to face to face one week FDP. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.
1. SEC: Statistics with 'R' 2. SEC: Financial Database and Analysis Software


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


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

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UNIQUE CERTIFICATE NO: OFDP-105/008



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Ministry of Education



Sri Guru Tegh Bahadur
Khalsa College
University of Delhi



University of Delhi


Certificate

15 DAYS REFRESHER COURSE
27th October to 11th November 2022

This is to certify that

DR. SHIVAM KUMAR SINGH of **SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN** has successfully completed fifteen days Online National Refresher Course "**Python: Essentials, Programming and Analytics & Statistics with 'R', Financial Database and Analysis Software**" jointly organized by University of Delhi and 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 Ministry of Education. This was conducted in online mode with fifteen day's involvement in a flexible mode. This online Refresher Course is equivalent to face to face Refresher Course. The participant has obtained **Grade "A"** as required for promotion under CAS of UGC and AICTE.

This FDP covered the following Skill Enhancement Courses (SECs) of DU as introduced in Academic Session 2022-23 under NEP-2020.
1. SEC: Essentials of Python 2. SEC: Programming using Python 3. SEC: Analytics with Python
4. SEC: Statistics with 'R' 5. SEC: Financial Database and Analysis Software


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


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

सत्यमेव जयते

UNIQUE CERTIFICATE NO: GAD-TLC-22-23-DU-SEC-REFC-052