



University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

Series of National  
**Online Faculty Development Programs (FDPs) / Refresher Courses**  
for capacity building towards  
**NEP-2020 based Skill Enhancement Courses**

by

**UNIVERSITY OF DELHI**

*in collaboration with*

**GAD-TLC, SGTB Khalsa College**

Ministry of Education, PMMMNMTT, Govt. of India

FDPs Phase-1
<ul style="list-style-type: none"> <li>• Four FDPs</li> <li>• 27 October – 03 November 2022</li> </ul>

FDPs Phase-2
<ul style="list-style-type: none"> <li>• Four FDPs</li> <li>• 04 November – 11 November 2022</li> </ul>

Refresher Courses
<ul style="list-style-type: none"> <li>• Complete 2 FDPs, one each from both phases</li> <li>• 27 October – 11 November 2022</li> </ul>

**ELIGIBILITY:** Faculty members (permanent/ temporary/ ad-hoc/contractual/guest) from University/College

**Fulfill promotional requirements as per CAS of UGC**

ENHANCE  
SKILL LEVEL





University of Delhi



Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

Series of National  
**Online Faculty Development Programs (FDPs) / Refresher Courses**  
for capacity building towards  
**NEP-2020 based Skill Enhancement Courses**

Core Team @University of Delhi



**Prof. Yogesh Singh**  
Vice-Chancellor  
University of Delhi



**Prof. K. Ratnabali**  
Dean, Academic Affairs  
Professor, Faculty of Law, DU



**Prof. Payal Mago**  
Chairperson, Skill Enhancement  
Courses Committee, DU  
Director, COL, DU

Core Team @ GAD-TLC



**Chairman,  
GAD-TLC**

**Prof. A.K. Bakhshi**  
Ex -VC, UPRTOU  
& PDM University



**Director,  
GAD-TLC**

**Prof. Jaswinder Singh**  
Principal, SGTB Khalsa College



**Project Head &  
Joint Director  
GAD-TLC**

**Prof. Vimal Rarh**  
Professor, SGTB Khalsa College

GAD-TLC is a leading Centre of Ministry of Education, Govt. of India under PMMMNMTT. Since 2016, it has trained more than 75,000 teachers through various FDPs, FIPs, Refresher Courses, workshops, seminars, webinars, conferences, etc. The Core Team of GAD-TLC has expertise of developing more than 50 MOOCs for SWAYAM platform of Govt. of India and the e-content produced by GAD-TLC has been rated as one of the best in quality at the National Level.

**IMPORTANT:** This activity is being carried out by GAD-TLC in self-sustainable mode.  
**HEAD OF THE INSTITUTIONS ARE REQUESTED TO REIMBURSE THE REGISTRATION AMOUNTS FOR THEIR TEACHERS.**

ENHANCE  
SKILL LEVEL  
VECTOR ILLUSTRATION





University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

ENHANCE  
SKILL LEVEL



FDPs Phase-1

- Four FDPs
- 27 October – 03 November 2022

FDPs Phase-2

- Four FDPs
- 04 November – 11 November 2022

Refresher Courses

- Complete 2 FDPs, one each from both phases
- 27 October – 11 November 2022

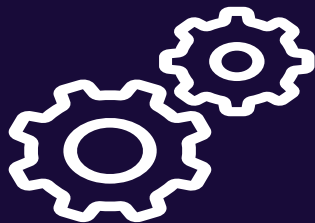
Objectives

**AT DU Level:** These FDPs are based on Skill Enhancement Courses (SECs) introduced by Delhi University from the academic session 2022-23. Students will have a choice of selecting the SECs from a bouquet of such courses as per their interest.

Skill Enhancement Courses are expected to help in the holistic development of the students as envisaged in NEP-2020. These new courses also pose a challenge to the teaching fraternity as they need to upgrade themselves to foster such skills amongst students.

These FDPs aim towards preparing teachers for effective implementation of SECs across various DU Colleges in a uniform manner.

**At National Level:** For teachers of other universities and colleges across the country, these FDPs offer a great learning opportunity so that similar courses can be introduced for implementation of Nep-2020 in their universities/colleges.





University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

## FDPs Phase-1

27 Oct.– 03 Nov. 2022

**LAST DATE TO REGISTER-**  
10 pm, 25 October 2022

All subject teachers are eligible to join any FDP, but some of them may require Basic knowledge in the respective fields; teachers may decide accordingly.

**Live Sessions**  
3.00-7.00 pm  
except  
Sundays.

Can be completed  
in Flexible mode,  
Video recordings  
to be provided in  
LMS

## FDPs Phase-2

04– 11 Nov. 2022

**LAST DATE TO REGISTER-**  
10 pm, 02 Nov. 2022

### FDP-101

Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS

### FDP-102

Python: Essentials, Programming and Analytics

### FDP-103

Back-end, Front-end Web design & Development and App development using Flutter

### FDP-104

Communication, Creative writing and Personality Development

A teacher can participate in any two FDPs, one from each phase.  
**FOR REFRESHER COURSE of TWO WEEKS**  
Complete Any 2 FDPs, One each from Phase-1 & 2.

### FDP-105

Statistics with 'R', Financial Database and Analysis Software

### FDP-106

Big Data Analytics

### FDP-107

Business Intelligence and Data Visualization

### FDP-108

Visual Communication, Photography, Graphic Design & Animation and Digital Film Production



University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

Series of National  
**Online Faculty Development Programs (FDPs) / Refresher Courses**  
for capacity building towards **NEP-2020 based Skill Enhancement Courses**

**FDP-101: Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS**

- MS Word- Formatting Techniques, Page Setup & Sections, Working with Tables, Referencing and Bibliography, Mail Merge
- MS PowerPoint- Create high quality slides with the art of storytelling, - Core design principles by deconstructing slides made by top consulting firms
- Basic Spreadsheet Tools: Cell Referencing, Mathematical, Statistical and Financial functions
- Advanced Spreadsheet: Functions and Power functions, Array Formulae, What-if-analysis, Data analysis ToolPak, Problem Solving using Solver, Database, Text and Error functions, Macros, VBA, Pivot Tables
- SPSS- Hypothesis testing, t test, Chi Square, ANOVA and Regression analysis

**Registration Amount: Rs 1400**  
(Non-refundable)

**FDP-103: Back-end, Front-end Web design & Development and App development using Flutter**

- Develop simple, interactive, and stylish websites using HTML, CSS and JavaScript
- Learn techniques of client-side web programming
- Build interactive and dynamic websites
- Validate server-side/backend data
- Techniques of server side web programming with Django for accessing the contents to/from the server
- Fundamentals of Flutter platform
- Development of simple cross-platform mobile applications that can run on Android, IOS and Web

**Registration Amount: Rs 1500**  
(Non-refundable)

**FDP-102: Python: Essentials, Programming and Analytics**

- Learn Syntax and Semantics of Python Programming.
- Understand the control structures and create Functions in Python.
- Implement Object Oriented Programming concepts in Python.
- Understand the various data structures available in Python programming
- Develop Python programs using core data structures.
- Learn to catch and handle exceptions in Python.
- Overview of Jupyter notebook.
- Handle and plot data using Python Libraries.
- Working with libraries: Pandas, NumPy, Matplotlib

**Registration Amount: Rs 1450**  
(Non-refundable)

**FDP-104: Communication, Creative writing and Personality Development**

- Relevance and Significance of Communication in everyday life and in the professional space.
- Effective communication induces Negotiation Skills, Persuasion Skills and Employability Skills.
- Essentials of Business Communication and its effectivity in the Corporate World.
- Use of Electronic Media and ICT for Effective Business Communication through Written and Oral Mode.
- Developing Communication Skills for building up human, societal and professional relationships to be global citizens.
- Creative Writing and its relevance to the Undergraduate Students for different vocations and in different fields.
- Understanding poetry, fiction (novel, novella and short stories), non-fiction (life narratives, autobiographies and biographies) and drama.
- Different hands-on-activities and industry exposure for academic development and professional growth.

**Registration Amount: Rs 1550**  
(Non-refundable)

**FDPs Phase-1**

**27 Oct.– 04 Nov. 2022**

**LAST DATE TO REGISTER-  
10 pm, 26 October 2022**

Registration Form Link  
<https://bit.ly/fdpduphase1>

Transfer the respective Registration Fees in the account as mentioned in the last page of this brochure , scan the transaction details and upload in the Registration Form which can be accessed using using link or QR Code





University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMMNTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

Series of National  
Online Faculty Development Programs (FDPs) / Refresher Courses  
for capacity building towards NEP-2020 based Skill Enhancement Courses

**FDP-105: Statistics with 'R', Financial Database and Analysis Software**

- Introduction to financial database ProwessIQ, Creating company set, Financial Statements, Formulating queries.
- Overview of the R language
- Data Types in R
- Programming Fundamentals in R
- Descriptive Analysis and Data Visualization in R
- Predictive Analysis in R

**Registration Fees: Rs 1600**  
(Non-refundable)

**FDP-106: Big Data Analytics**

- Introduction to Big Data Platform and its Uses
- Overview of Apache Hadoop
- Hands-on Hadoop Eco System experience
- HDFS Concepts and Interfacing with HDFS
- Understand the Spark framework
- Data analysis with Spark Shell

**Registration Fees: Rs 1650**  
(Non-refundable)

**FDPs Phase-2**

**03– 11 Nov. 2022**

**LAST DATE TO REGISTER-  
10 pm, 02 November 2022**

**Registration Form Link**  
<https://bit.ly/fdoduphase2>

**FDP-107: Business Intelligence and Data Visualization**

**Power BI**

- Learn the Business Intelligence tool used by Fortune 500 firms; Choose the right chart type
- Data cleaning and transformation with Power Query
- Create AI based visualizations
- Perform computations using DAX (Data Analysis Expressions)
- Perform analytics and business insights to management to take actionable business decisions

**Tableau**

- Learn the No 2 BI tool used by firms such as Netflix
- Choose the right chart type
- Create Calculated Fields to perform calculations
- Use parameters to create dynamic charts

**Registration Amount: Rs 1700**  
(Non-refundable)

**FDP-108: Visual Communication, Photography, Graphic Design & Animation and Digital Film Production**

- Introduction and Theories of Visual Communication.
- Photography as Visual Communication.
- Audio Production.
- Video Production.
- 2D Animation.
- Graphics and Advertising.
- Broadcast Design
- 3D Animation

**Registration Fees: Rs 1750**  
(Non-refundable)

Transfer the respective Registration Fees in the account as mentioned in the last page of this brochure , scan the transaction details and upload in the Registration Form which can be accessed using link or QR Code





University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

Series of National  
Online Faculty Development Programs (FDPs) / Refresher Courses  
for capacity building towards NEP-2020 based Skill Enhancement Courses

LIST OF SEC COURSES FOR EACH FDP

FDPs Phase-1

27 Oct.– 03 Nov. 2022

FDPs Phase-2

04– 11 Nov. 2022

FDP 101 - Basic IT tools, Advanced Spreadsheet Tools and Statistical Software Package with SPSS

Basic IT tools

Advanced Spreadsheet Tools

Statistical Software Package with SPSS

FDP 105- Statistics with 'R', Financial Database and Analysis Software

Statistics with 'R'

Financial Database and Analysis Software

FDP 102- Python: Essentials, Programming and Analytics

Essentials of Python

Programming using Python

Analytics with Python

FDP 106- Big Data Analytics

Big Data Analytics

FDP 103- Back-end, Front-end Web design & Development and App development using Flutter

Back-End Web Development

Front-End Web Design and Development

APP Development using Flutter

FDP 107- Business Intelligence and Data Visualization

Business Intelligence and Data Visualization

FDP 104- Communication, Creative writing and Personality Development

Communication in Everyday Life

Communication in Professional Life

Business Communication

Creative Writing

FDP 108 - Visual Communication, Photography, Graphic Design & Animation and Digital Film Production

Visual Communication and Photography

Digital Film Production

Graphic Design and Animation

LAST DATE TO REGISTER-  
10 pm, 25 October 2022

LAST DATE TO REGISTER-  
10 pm, 02 Nov. 2022



Registration Form Link  
<https://bit.ly/fdpdphase1>

Registration Form Link  
<https://bit.ly/fdpdphase2>





University of Delhi



सत्यमेव जयते

Ministry of Education, Govt. of India

Pandit Madan Mohan Malaviya National Mission  
on Teachers and Teaching (PMMMNMTT)



Guru Angad Dev  
Teaching Learning Centre  
S.G.T.B. Khalsa College, DU

## Series of National Online Faculty Development Programs (FDPs) / Refresher Courses for capacity building towards NEP-2020 based Skill Enhancement Courses

### REGISTRATION PROCESS: STEPS TO FOLLOW

1. Read this Poster and all the Terms and Conditions carefully.
2. Pay the **Registration amount** as mentioned in the respective FDP ) to the following Account :  
Bank Account Name: Teaching Learning Centre  
Account No: 08951000020934  
Bank Name: Punjab and Sind Bank  
Branch: SGTB Khalsa College, University of Delhi, Delhi  
IFSC Code: PSIB0000895  
**Payment Proof:** Take the Screenshot/ Receipt of the payment done having Unique Transaction ID and Date of Transfer.
4. Fill the **Google Form of Phase-1 or Phase-2** in which the respective FDP is mentioned **or both** (correctly with all details along with the Payment proof. The following details must be very carefully filled as you will wish them to appear in your certificate:  
Name :  
Institution:  
Email Id :  
Phone No (Whatsapp No.):  
(Write in Capital Letters along with Dr/Mr/Mrs/Ms, whichever applicable)  
(Do not use complete address, avoid using "affiliated to")  
(Check again, avoid institutional ids )
5. You will be added in a **WhatsApp group named with respective FDP No..**  
Zoom Invite will be sent to your registered email id which may sometime go in spam or Junk folder.  
In case you are not added in WhatsApp group by morning of the first date of the event, send a WhatsApp message along with payment details on TLC Office No- 9810454703 or mail to [tlcworkshop@tlckhalsa.in](mailto:tlcworkshop@tlckhalsa.in)  
The first Day inaugural session will be common for all and can also be joined through **GAD-TLC YouTube Channel:** <http://www.bit.ly/tlcyt>
6. All further Instructions will be provided through the WhatsApp group & during Live sessions. All day's video recording will be available till completion in LMS

### TWO OPTIONS for EACH FDP:

#### OPTION A: (WITH DUTY LEAVE)

All activities of FDP to be completed within the duration of the respective FDP. Teachers are entitled to take Duty Leave as "ON DUTY" from their institutions; the relieving order has to be submitted by the participant to GAD-TLC.

#### OPTION B: (FLEXIBLE MODE WITHOUT DUTY LEAVE)-

This FDP can also be done in flexible mode. In that case, no duty leave shall be applicable and additional time of maximum 2 weeks will be given to complete the assignments, project, etc.

*If relieving letter is not provided, it will be considered in Option B Mode only.*

#### Quality Parameters for Certification

**Attendance & Feedback** is compulsory which will be combined from zoom live sessions and corresponding Video on LMS

#### Successful completion certificate:

After Qualifying in Assignments, projects and Online Quizzes as per norms. (50% or above ), certificate with Grade for CAS will be issued.

#### Certificate of Participation:

Those who do not submit all requirements or do not score 50% or above, will be given certificate of participation with No grades. This cannot be used for CAS..

*In case of any dispute, the decision of GAD-TLC shall be final and binding.*

#### Registration Link Phase 1

<https://bit.ly/fdpduphase1>



#### Registration Link Phase 2

<https://bit.ly/fdpduphase2>



ENHANCE  
SKILL LEVEL

