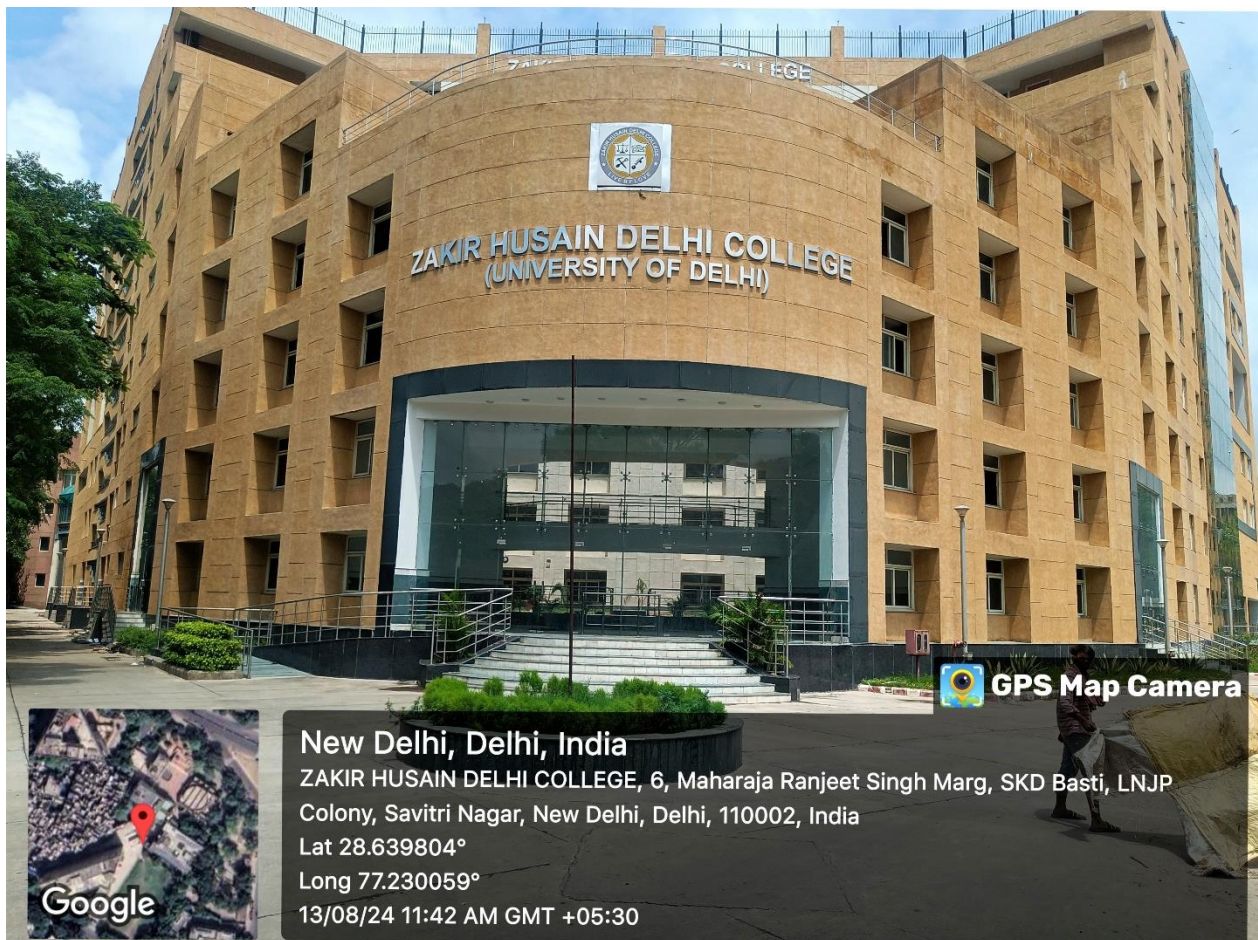




# ZAKIR HUSAIN DELHI COLLEGE UNIVERSITY OF DELHI



## SUPPORTING DOCUMENT: 1.2.1

**Title-Certificate/Value-added courses offered and online courses**

### **1.2.1 Certificate/value-added courses are offered, online courses**

#### **Brochure**

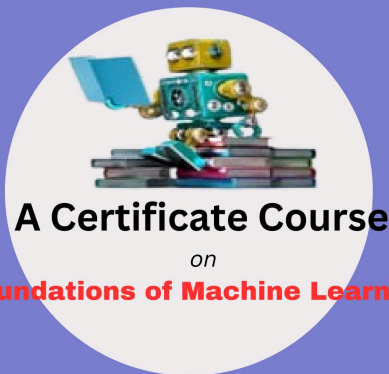
<b>Sr. No</b>	<b>Documents</b>	<b>Page No.</b>
1	A certificate course on the Foundations of Machine learning	3-4
2	Non-violent communication Brochure	5-6
3	Latex (2022-23)	7
4	R(2022-23)	7
5	Python 3.4.3 (2022-23)	7
6	Chem Collective Virtual Labs (2022-23)	7
7	Python 3.4.3 (2021-22)	7
8	R (2021-22)	7
9	R (2020-21)	7
10	Python 3.4.3 (2020-21)	7
11	Non Violent Communication (2023-24)	8
12	Russian Language Certificate Course (2023-24)	9-11
13	Natrional Workshop (Hybrid mode) on “Manipulation and Realisation of Data through R” (2022-23)	12-13
14	Russian Language Certificate Course (2022-23)	14
15	Introduction to Python for Meta-analysis of Data (2022-23)	15-16
16	Workshop on R Package: dplyr (Grammer of Manipulation) (2021-22)	16
17	Computer Literacy Course (2021-22)	17-18
18	Russian Language Certificate Course (2021)	18
19	Russian Language Certificate Course (2020)	19
20	Computer Courses (2019-20)	20-21
21	Russian Language Certificate Course (2019)	22



**Zakir Husain Delhi College**  
(University of Delhi)



announces



## A Certificate Course

on

### Foundations of Machine Learning

#### ABOUT THE COURSE

In the rapidly advancing world of technology, machine learning has emerged as a key driver of innovation, influencing diverse domains, from healthcare to finance. To empower individuals with the foundational knowledge needed to navigate this transformative landscape, we present a comprehensive 40-hour certificate course on the Basics of Machine Learning. This course is designed to provide participants with a solid understanding of essential concepts, hands-on experience, and the ability to apply machine-learning techniques to real-world scenarios.

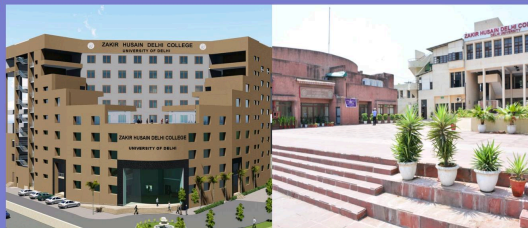
#### WHO SHOULD PARTICIPATE

UG/PG students, Researcher scholars, and Faculties.

#### IMPORTANT DATES

**Deadline for registration:** 15-03-2024  
**Selection intimation:** 17-03-2024  
**Commencement of course:** 18-03-2024

#### ABOUT THE COLLEGE



Zakir Husain Delhi College is one of the leading colleges of the University of Delhi, imparting higher education in Science, Commerce, Humanities, and Social Sciences. The college has the distinction of existence well before the University of Delhi. It carries within itself a history of nearly 300 years as an institution of learning. The college was affiliated with Delhi University in 1925 and became one of its constituent degree colleges. Following the partition of India, the Delhi College was revived as a non-denominational institution in 1948. It was renamed Zakir Husain College in 1975 and managed by the Zakir Husain Memorial Trust under the Chairmanship of the Prime Minister of India. The present Chairman of Zakir Husain Memorial Trust is our Hon'ble Prime Minister Shri Narendra Modi, and the Vice-Chairman is Shri Dharmendra Pradhan, Minister for Education and Skill Development and Entrepreneurship. Today, the college runs undergraduate courses in 21 disciplines and offers 17 postgraduate courses. The solid academic structure is complemented by various societies, giving students a platform to nurture their talents in drama, music, dance, art, and sports. The college has state-of-the-art laboratories, ICT-enabled classrooms, a fully automated, air-conditioned, rich library, and a centrally air-conditioned auditorium. Besides well-maintained lawns and parks, the college houses ecological spaces for students and herbal, rose, and rock gardens, which are well-recognized in the Annual Flower Show of Delhi University. Students can also explore their caliber and interest in outdoor and indoor games. By July 2024, a new nine-story building with bright classrooms, state-of-the-art laboratories, and IT infrastructure will be added to the current infrastructure as an expansion facility.

#### COURSE EXPERTS

##### Prof. (Dr.) Shikha Mehta:

Prof. (Dr.) Shikha Mehta is currently working as a Professor in the Department of Computer Science Engineering at Jaypee Institute of Information Technology, Noida. She attained her doctorate in the domain of Artificial Intelligence from the University of Delhi, Delhi. She has over 19 years of teaching experience. She is an esteemed speaker in UGC, ATAL, and TEQIP-sponsored FDPs and workshops. She has published two books and around 70 research publications, including Journal articles, conference proceedings, and book chapters.



##### Prof. (Dr.) Sanjay Yadav:

Dr. Sanjay Yadav is a Professor at the University of People, United States. Dr. Yadav has also been working as a tutor for the BITS-WILP Programme for working professionals for the last three years. Dr. Yadav holds a PhD in mathematics from the Indian Institute of Technology Roorkee (IIT Roorkee). He completed his Graduation and master's in mathematics. His research area is Data security. Dr. Yadav has more than ten years of national and international teaching and research experience. In his work, he guided 20 master's and 2 PhD for their final thesis.



##### Dr. Pravesh Kumar:

Dr. Pravesh Kumar is working as an Assistant Professor at the Department of Mathematics, Rajkiya Engineering College, Bijnor (AKTU Lucknow affiliated Govt. Engineering College). He did an M.Sc. (Mathematics) from CCSU Meerut and an M.E. (Software Engineering) from Thapar University Patiala. He has achieved his Ph.D. in Soft Computing from IIT Roorkee. His research interests include the enhancement of Evolutionary and Swarm based intelligence algorithms for optimization. He has published ten SCI/SCIE/Scopus journal papers, three book chapters, 15 conference proceedings papers, and many others.



#### Industry Experts

##### Dr. Shashi Barak:

Dr. Shashi Barak is the associate AI principal at Accenture Operations, based in California. She has more than 13 years of academic and industrial experience delivering a return on investment through Artificial Intelligence and Machine learning techniques. She authored many journals, conference papers, and book chapters. She has an expert ability to understand business problems and build analytical AI-based models. She completed her Ph.D. from IIT Roorkee and her post-doctorate from IISc Bangalore.



##### Mr. Sachin Dubal:

Sachin Dubal is a seasoned tech leader with over 19 years of industrial experience. Holding a postgraduate degree in Informatics from the Institute of Informatics and Communications at Delhi University, Sachin brings a wealth of knowledge and expertise to his role. Currently serving as a Senior Tech Leader at Cisco Systems in San Jose, Sachin spearheads the development of platform infrastructure for Cisco's next-generation Catalyst switches. With a solid academic background and extensive industry experience, Sachin is at the forefront of driving innovation in networking technology.



## Course Outline

**Introduction to Machine Learning:** The journey begins with exploring the fundamental principles of machine learning. Participants will gain insights into the different types of machine learning, understand its historical evolution, and grasp the key concepts that underpin the field.

**Fundamentals of Data and Statistics:** A solid understanding of data is crucial in machine learning. This week delves into data preprocessing techniques, covering data cleaning, transformation, and encoding. Additionally, participants will be introduced to basic statistical concepts essential for interpreting and analyzing data.

**Supervised Learning – Regression:** Building on the foundation laid in the previous weeks, participants will delve into supervised learning. The focus will be on regression techniques, starting with an introduction to regression concepts and progressing to an in-depth exploration of linear regression, including its assumptions and model evaluation metrics.

**Supervised Learning – Classification:** This week shifts the focus to classification, a key aspect of supervised learning. Participants will gain a conceptual understanding of binary and multiclass classification, explore common classification algorithms such as logistic regression, decision trees, and random forests, and learn how to evaluate classification models.

**Unsupervised Learning:** Unsupervised learning techniques, including clustering and dimensionality reduction, take center stage this week. Participants will discover how algorithms like K-Means clustering and PCA can be applied to uncover patterns in unlabeled data.

**Model Evaluation and Hyperparameter Tuning:** To ensure the effectiveness of machine learning models, participants will delve into model evaluation techniques, including cross-validation. Additionally, the importance of hyperparameter tuning for optimizing model performance will be explored, providing participants with the tools to fine-tune their models.

**Introduction to Machine Learning Libraries and Applications:** As the course nears completion, participants will be introduced to popular machine learning libraries such as Scikit-Learn and TensorFlow. Real-world applications and case studies will showcase the diverse and impactful ways machine learning is applied across various industries.

## Apply Now

The registration process may be completed using the link below or by scanning the given code. <https://forms.gle/sTwFRaXPik4Haprd7>



SCAN ME

### REGISTRATION FEE:

Research Scholar/Students: Rs. 500/-

The registration fee will be paid online with the following details:

Name of the Account Holder: ZHDC Boys Fund

Bank Name: Canara Bank

Account Number: 8668101000002

IFSC Code: CNRB0008668



BHIM UPI

Contact: [dbtstarcollege@zh.du.ac.in](mailto:dbtstarcollege@zh.du.ac.in)

## Why choose us?

MODE OF CONDUCTION OF COURSE: Hybrid Mode

**Assessment and Certification:** Assessment throughout the course, including quizzes, assignments, and a final project or case study, will allow participants to showcase their understanding and practical application of machine learning concepts. Upon successful completion, participants will be awarded a certificate, validating their newfound knowledge of the foundational aspects of machine learning.

Embark on this 40-hour journey into the realm of machine learning, where theory meets practice, and participants emerge equipped with the skills to leverage machine learning in their professional endeavors. Join us in building the foundations for a future shaped by data-driven insights and intelligent decision-making.

## Course Coordinator:

**Dr. Dhiraj Kumar Singh**  
Department of Mathematics

## Patron:

**Prof. Narendra Singh**  
Principal

Zakir Husain Delhi College  
(University of Delhi)  
JLN Marg, Delhi 110002

## **Short-Term Value-Added Certificate Course : Non-Violent Communication**

Jointly organised by

**(Zakir Hussain College, New Delhi & Gandhi Smriti and Darshan Samiti)**

**About the Course:** Zakir Husain Delhi College offers a Short-term Value-Added Certificate Course on Non-Violent Communication in collaboration with Gandhi Smriti and Darshan Samiti, Ministry of Culture. Drawing insights from Gandhian philosophy, the course aims to help students understand the underlying ethos of non-violent communication. It provides a valuable opportunity for students to learn about effective communication methods that promote understanding, dialogue, empathy, and peaceful interactions. It aims to equip the participants with effective learning methods and techniques for resolving conflicts peacefully. It is open to students pursuing higher education from the University of Delhi or any university in India.

### **COURSE DETAILS**

#### **IMPORTANT DETAILS**

- **Eligibility:** Students pursuing education from the University of Delhi
- **Application Fee:** There is no application fee.
- **Course Fee:** Rs 500/- (to be paid after selection)
- **Course Duration:** 3 Months (30 Hours)

#### **SELECTION PROCEDURE**

- Candidates will be shortlisted on the basis of their response submitted in the application form.
- Upon selection, candidates will be asked to pay an amount of Rs 300 (course fee) in order to secure their admission for the course.

#### **COURSE STRUCTURE**

##### **Block 1: Why the need for Nonviolent Communication in the contemporary Society?**

Unit 1.1: Importance of communication

Unit 1.2: Unhealthy communication and its impact

Unit 1.3: Forms of dysfunctional and violent communication in contemporary society

Unit 1.4: Healthy communication and its impact

##### **Block 2: Exploring Nonviolent Communication?**

Unit 2.1: Definition and explanation

Unit 2.2: Gandhian Model of Nonviolent Communication

Unit 2.3: Elements of Nonviolent Communication

Unit 2.4: Constructing a Nonviolent Communication Ecosystem

- A) Developing Nonviolent Communication Ecosystem within us
- B) Nonviolent Communication Ecosystem for a society

### **Block 3: Different approaches to Nonviolent Communication**

Unit 3.1: Indian tradition of Nonviolent Communication

Unit 3.2: Integrating peace linguistics as part of Nonviolent Communication

### **Block 4: Applying Nonviolent Communication in our daily lives**

Unit 4.1: Relationship building

Unit 4.2: Nonviolent Communication for promotion of humanistic society

Unit 4.3: Resolution of disputes and conflicts

Unit 4.4: Anger Management

Unit 4.5: Reduction of stress

Unit 4.6: Countering hate speech

### **Block 5: Nonviolent Communication in specific settings**

Unit 5.1: Ecosystem: Educational Institutions

Unit 5.2: Workplace

Unit 5.3: Judiciary

Unit 5.4: Medical profession

Unit 5.5: Social Work and Volunteerism

Unit 5.6: Leadership and teambuilding

### **LEARNING OUTCOMES**

- The learners shall be made acquainted with the need for Non-Violent Communication theory in contemporary society;
- The learner will be able to understand the different elements of Non-Violent Communication;
- The learner shall comprehend the different approaches to practice Non-Violent Communication;
- The learner will be able to analyze the importance of Non-Violent Communication in their daily lives and will be able to practice the same;
- After the completion of this course, the learner will be able to generate their knowledge in their specific professional fields. This would further help in creating a cohesive society.

#### **Patron:**

**Prof. Narendra Singh**  
Principal, Zakir Husain Delhi College

#### **Course Coordinator (s)**

**Prof. Sanjeev Kumar**  
Convener, Gandhi Study Circle

**&**

**Dr. Vedabhyas Kundu**  
Programme Officer  
Gandhi Smriti & Darshan Samiti

#### **FOR QUERIES, EMAIL US AT:**

[gsczhdc.core@gmail.com](mailto:gsczhdc.core@gmail.com)

[sanjeevkumar@zhc.du.ac.in](mailto:sanjeevkumar@zhc.du.ac.in)



भारतीय प्रौद्योगिकी संस्थान मुंबई  
पवई, मुंबई-400 076, भारत

**Indian Institute of Technology Bombay**  
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाईट/Website : www.iitb.ac.in

IIT Bombay

Ref.No. STIITB/2024/4343

Date: - 19/08/2024

## CERTIFICATE OF SPOKEN TUTORIAL (ST) TRAINING

To,  
The Principal,  
Zakir Husain Delhi College, Delhi,  
Jawaharlal Nehru Marg, New Delhi-110002.

### **Subject - 2020-2023 Status of Training done in collaboration with Spoken Tutorial, IIT Bombay**

As per the agreement between **Zakir Husain Delhi College, Delhi** and the Spoken Tutorial, IIT Bombay, established with funding from the Ministry of Education, Government of India (previously MHRD) was to promote IT literacy through Open-Source Software.

The students of **Zakir Husain Delhi College, Delhi** have enrolled in various FOSS (Free and Open-Source Software) developed and certified by Spoken Tutorial, IIT Bombay during the academic session 2020-2023.

Details of students enrolled in various FOSS under Spoken Tutorial IT/Software Training Program during academic session 2020-2023.

Sr. No	Date	FOSS	Participants
1	March 20, 2023 to March 30, 2023	LaTeX	1
2	Dec. 21, 2022 to Jan. 3, 2023	R	17
3	Aug. 25, 2022 to Sept. 8, 2022	Python 3.4.3	11
4	June 16, 2022 to June 30, 2022	ChemCollective Virtual Labs	41
5	March 11, 2022 to March 25, 2022	Python 3.4.3	6
6	Feb. 14, 2022 to Feb. 28, 2022	R	14
7	Jan. 15, 2021 to Jan. 30, 2021	R	35
8	Oct. 1, 2020 to Oct. 15, 2020	Python 3.4.3	37

For and on behalf of  
Spoken Tutorial,  
Indian Institute of Technology, Bombay

*Akanksha Saini*



Mrs. Akanksha Saini  
National Coordinator  
Spoken Tutorial Project, IIT Bombay



# GANDHI STUDY CIRCLE

Under the Aegis of Internal Quality Assurance Cell (IQAC)

**ZAKIR HUSAIN DELHI COLLEGE  
(UNIVERSITY OF DELHI)**

and

**GANDHI SMRITI AND DARSHAN SAMITI  
(MINISTRY OF CULTURE)**

**INVITES APPLICATION FOR-**

**Value Added  
Certificate Course**

On

**NON-VIOLENT COMMUNICATION**



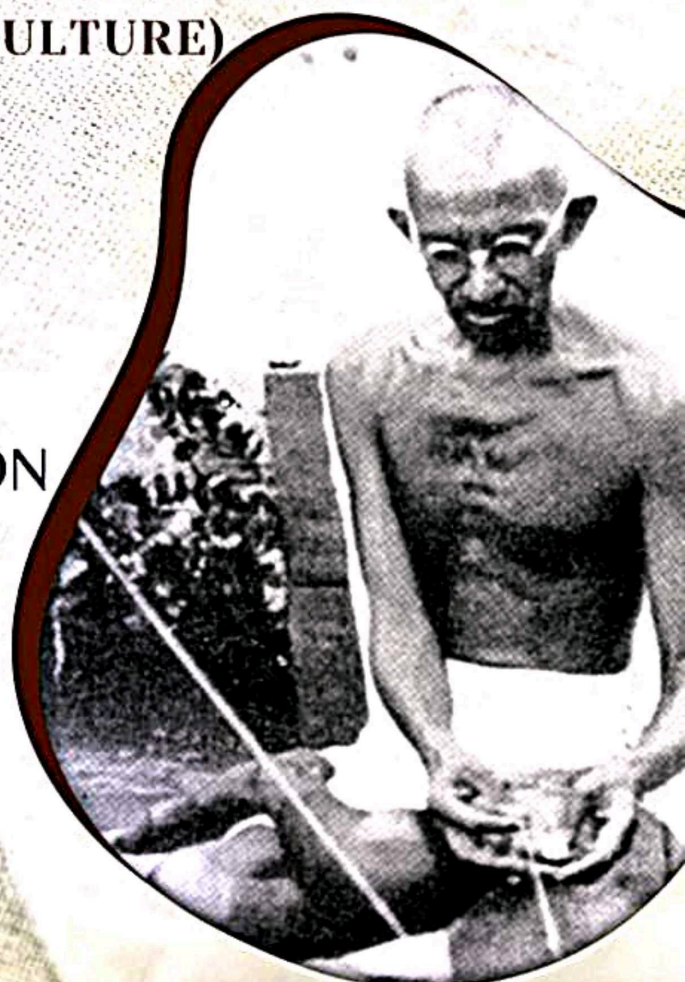
**LAST DATE TO APPLY-  
10 DECEMBER 2023**



**Tap the icon  
to register**



**For queries,  
tap to email**



**PROF. SANJEEV KUMAR  
CONVENER, GSC**

**Student Program Coordinator  
Suvash : +91 9721198009**

**PROF. NARENDRA SINGH  
PRINCIPAL, ZHDC**



DEPARTMENT OF SLAVONIC AND FINNO-UGRIAN STUDIES  
1<sup>ST</sup> FLOOR, TUTORIAL BUILDING,  
UNIVERSITY OF DELHI, DELHI - 110007

Sr. No. ....

Bulletin of Information can be downloaded free from <<http://du.ac.in>>  
APPLICATION FORM FOR ADMISSION TO VARIOUS COURSES OF THE DEPARTMENT  
2023-2024

Excluding M.Phil and M.A. in Russian Studies

1. Language & Course.....
2. Name in Full .....  
(In block letters)
3. Sex : Male  Female  Others
4. Address: Local .....  
.....  
Permanent .....  
Phone No./Mobile.....  
E.Mail .....
5. Date of Birth .....Nationality.....State.....
6. Tick the appropriate category: SC  ST  OBC  PH  GEN  ANY OHER/EWS
7. Applicant's occupation and office address.....
8. Father's Name.....Mother's Name.....
9. Are you already a student of Delhi University or seeking admission to any other course in this University  
(If yes, give details) Course/College/Institution.....
10. Which other course you have done from the Deptt. of Slavonic & Finno-Ugrian Studies. Give details :  
1. ....2. ....3. ....4. ....  
5. ....6. ....7. ....8. ....
11. University Enrolment No (Issued earlier by University of Delhi, if the candidate had earlier passed any  
course from Delhi University).....  
Where the University Enrollment has not been already issued the candidate is required to fill in the  
enclosed Enrollment Form.
12. Have you taken Migration Certificate from Delhi University?.....
13. Particulars of Examinations passed :

- Paste one Self Attested Passport size Photograph here.
- Attach one Un-attested Passport size Photograph for i-card

Exam. Passed	Univ. / Board	Year	Division / Percentage
SSC / Inter.			
Bachelor's Degree or Equivalent			
Master's Degree			
Any Other Cert. / Diploma Course etc.			

DEPARTMENT OF S.F.U.S. UNIVERSITY OF DELHI, DELHI - 110007  
ACKNOWLEDGEMENT  
2023-2024

Sr. No. ....

Received the application form from Mr./Ms .....  
for admission to .....

Signature of Receiving authority

I have read and taken due note of the Bulletin of Information of the Department as displayed on the website <<du.ac.in>>, < > and I undertake to abide by the rules and regulations of the University and to submit myself to the disciplinary jurisdiction of the University Authorities.

I declare that the particulars given in the application are true, complete and correct to the best of my knowledge.

Date.....

Signature of the Applicant

#### UNDERTAKING

I, Mr./Ms. .... understand that as my admission is purely provisional subject to confirmation by the Equivalence Committee / Admission Committee, I shall not make any sort of claims for admission in case the University decides otherwise or debars me from appearing at the University Annual Examination. I shall abide by the decision of the University.

Date .....

Signature of the Applicant

#### Requirements for Submission of form.

1. One passport size (self attested) photograph to be pasted on the Admission Form and one unattested photograph attached for Identity Card.
  2. Date of Birth Proof (copy of 10th Class Board Certificate)
  3. Certificates of Academic Qualification
  4. Caste Certificates/EWS Document-recent (wherever applicable)
  5. Character Certificate (recent)
  6. Proof of University of Delhi Enrolment number (wherever applicable).
- *Applicants are required to bring the above-mentioned documents in original at the time of verification / payment of fees.*
  - *Applicants are required to bring Bonafide Students certificate (receipt of payment of fees etc) in evidence of the admission to any other course of the University of Delhi to avail of concession in fees.*
  - *Applicant are required not leave any column blank. Application form with any column left blank will be deemed incompleated and will not be considered.*

#### FOR OFFICE USE ONLY

Eligibility and other particulars verified

Dealing Assistant

Section Officer

Head of Department

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# ZAKIR HUSAIN DELHI COLLEGE

Jawaharlal Nehru Marg, New Delhi-11002

10<sup>th</sup> October., 2023

## NOTICE

It is notified that offline admission for **Certificate Course in Russian (Part Time)** has been started. Only regular UG & PG students of the College who are interested take admission in the course can apply.

### **Details of the course**

Minimum eligibility : 45% in the aggregate in class XII or Graduation for for admission.

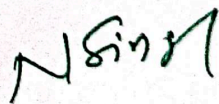

Duration : One Year

Timing of Classes : Classes will be held three day a week between **7:30** a.m. to **8:30** a.m.

Admission form : Form is available at college website. Fill the form and submit it to **window number-1** along with 10<sup>th</sup>, 12<sup>th</sup> mark sheet and cast certificate

Admission Fee : Rs. **1722/-** (For the students who are already enrolled in Zakir Husain Delhi College (Day)

Merit List : List of shortlisted students will displayed at the college website in the last week of, October, 2023

  
(Prof. Narendra Singh)  
Principal 



# Zakir Husain Delhi College

(University of Delhi)

ACCREDITED GRADE 'A' BY NAAC

in association with

## Internal Quality Assurance Cell

*(under the aegis of DBT Star College Scheme)*

organizing a five-day (Hybrid mode) national workshop on

### Manipulation and Realization of Data through R

DATE

DECEMBER 16-21, 2022

(10 HRS.)

Resource Person



Registration

<https://forms.gle/Ku9J7LaUTh28GtcU6>

**Mr. L. Naga Rajeev**

Data Scientist

Department of Pediatrics and Clinical Epidemiology

Sitaram Bhartia Institute of Science and Research

New Delhi

Last Date of Registration:

December 15, 2022

**Registration Fee: Free**



## About the College

Zakir Husain Delhi College is one of the leading colleges of the University of Delhi, imparting higher education in Science, Commerce, Humanities, and Social Sciences. The college holds the distinction of being in existence well before the existence of the University of Delhi. Today the college runs undergraduate courses in 21 disciplines and offers 17 post graduate courses. The Strong academic structure is complemented by various societies giving platform to students to nurture their talents in dramatics, music, dance, art, fashion and photography.

## Key highlights of the workshop are:

This workshop is to make aware of the versatility and uses of Data for students from any background.

1. To develop an understanding of Data.
2. To develop the problem-solving basics of data realization through R.
3. Initial evaluation through a time-bound Quiz.
4. Evaluation through assignments.
5. Award of E-Certificate: Certificate will be awarded only to those participants who will complete 80% of attendance and score 70% of the quiz.

## *Organizing Team:*

**Prof. Narendra Singh**

Principal

**Prof. P.K. Shishodia**

Co-ordinator  
IQAC & DBT Star College Scheme

**Dr. Ragesh P.R.**

Member

**Dr. Dhiraj K. Singh**

Program Convenor

**Dr. Sunil Kumar**

Member

# ZAKIR HUSAIN DELHI COLLEGE

Jawaharlal Nehru Marg, New Delhi-11002

8<sup>th</sup> August, 2022

## NOTICE

It is notified that the Admission Forms for admission to **Certificate Course in Russian Language** (Part-Time) are available in the office. Only the regular students of the college who are interested to learn the Russian Language can obtain Admission Form on the payment for Rs.20/- from the Reception Counter near Main Gate of the college between 10.00 a.m. and 01.00 p.m.

The Admission Form alongwith all relevant documents may be submitted to Mr. Iqtadar Alam in Room No.1 (office) between 10.00 a.m. and 01.00 p.m.

Last date for issue and submission of Admission Form is 25<sup>th</sup> August,2022.

### Detail of the course

#### Minimum eligibility for Admission:

A candidate should have passed any **one** of the following examinations with **45%** marks in the aggregate:


- (a) Senior Secondary School Certificate examination
- (b) Graduation
- (c) Post-graduation

Duration : One Year

Timings of Classes : Classes will be held three days a week between 7.30 a.m. and 9.00 a.m.

Admission Fee : (a) Rs.1722/- (For the students who are already enrolled in Delhi University)  
(b) Rs.1772/- (For the students who are not enrolled in Delhi University)

Merit List : Merit List of the students will displayed at the Office Notice Board on 29.08.2022

  
(Prof. Narendra Singh)  
Principal



# Zakir Husain Delhi College

(University of Delhi)

ACCREDITED GRADE 'A' BY NAAC

in association with

## Internal Quality Assurance Cell

*(under the aegis of DBT Star College Scheme)*

organizing a five-day (hybrid mode) national workshop on

### Introduction to Python for Meta-analysis of Data

#### DATE

NOVEMBER 01-05, 2022

(10 HRS.)

**Resource Person**



#### Registration

<https://forms.gle/Kxa9fv8bJwcuC3kh6>

**Dr. Shikha Mehta**

Department of Computer Science and Engineering  
Jaypee Institute of Information Technology  
Noida

Last Date of Registration:

October 30, 2022

**Registration Fee: Free**

**Note:** The entire workshop will be delivered online except inauguration (hybrid mode).  
Seats are limited.



Department  
of Biotechnology  
Govt. of India



## About the College

Zakir Husain Delhi College is one of the leading colleges of the University of Delhi, imparting higher education in Science, Commerce, Humanities, and Social Sciences. The college holds the distinction of being in existence well before the existence of the University of Delhi. Today the college runs undergraduate courses in 21 disciplines and offers 17 post graduate courses. The Strong academic structure is complemented by various societies giving platform to students to nurture their talents in dramatics, music, dance, art, fashion and photography.

## Key highlights of the workshop are:

This workshop is to make aware of the versatility and uses of Python for students from any background.

1. To develop the problem-solving basics of programming through Python.
2. Practical example source code.
3. Initial evaluation through a time-bound Quiz.
4. Evaluation through assignments.
5. Award of E-Certificate: Certificate will be awarded only to those participants who will complete 80% of attendance and score 70% of the quiz.

## *Organizing Team:*

**Prof. Narendra Singh**

Principal

**Prof. P.K. Shishodia**

Co-ordinator  
IQAC & DBT Star College Scheme

**Dr. Dhiraj K. Singh**

Program Convenor

**Dr. Neelam Pahwa**

Member

**Dr. Ragesh P.R.**

Member

**Dr. Sunil Kumar**

Member





Department of  
BioTechnology,  
Government  
of India



**Zakir Husain Delhi College**  
(University of Delhi)  
under the aegis of  
DBT Star College Scheme

Zakir Husain Delhi College (accredited A grade by NAAC) is one of the leading colleges of University of Delhi imparting higher education in Science, Commerce, Humanities and Social Sciences. The college holds the distinction of being in existence well before the establishment of the University of Delhi. Today, the college offers undergraduate courses in 21 disciplines and 17 postgraduate courses. The strong academic environment is complemented by various societies giving a unique platform for students to nurture their talents in different domains like dramatics, music, dance, art, fashion and photography.

**Organizing Team**

- Prof. Sangeeta Pandita, Principal
- Prof. P.K. Shishodia, Coordinator DBT-STAR College Scheme
- Prof. Gurpreet Singh Tuteja, Teacher In-charge, Department of Mathematics

**About the Workshop:**

**National Workshop on R Package: dplyr  
(Grammar of Manipulation)**

dplyr, authored primarily by Hadley Wickham was launched in 2014. The package is described as "a grammar of data manipulation, providing a consistent set of verbs ( functions) that help you solve the most common data manipulation challenges. The set of functions are designed to enable data frame manipulation in an intuitive, user-friendly way. Data analysts typically use dplyr in order to transform existing datasets into a format better suited for some particular type of analysis, or data visualization. The entire course will be delivered online. Classes shall be held every day for one hour including practical from **March 10-12, 2022** either on Google Meet or Zoom or MS Team. Being practical based course, candidates must have their working reliable laptops in every online class.

**Eligibility:**

Participant must have studied at least one paper of Mathematics at UG/Senior Secondary level and some basic knowledge of R-Software

**Who can apply?**

Faculty, Research Scholars, UG and PG Students (including First Year) are eligible.

Seats are limited.

Contact: dbtstarcollege@zh.du.ac.in, gstuteja

**Registration:**

Registration form is available online at <https://bit.ly/3IRTnKw>

**The last date for registration is March 09, 2022.**

The selected candidates will be informed latest by March 09, 2022

Registration Fee: Free

**Programme Planner:**

Introduction to R software, using R- studio effectively, understanding critical programming language concepts for performing data analysis, import data into R from external files, create summary statistics, create new variables, informative data visualization and tables, exploratory data analysis. The working data sets include Covid live data.

Each session will be followed by a quiz. The attendance will be marked through the quiz only which will be conducted either before or after each session.

Duration: March 10-12, 2022.

**Award of Certificate:**

Certificate will be awarded only to those participants who will complete 80% of attendance subject to passing of a final test (overall 60%).



## ZAKIR HUSAIN DELHI COLLEGE

### III Year Students selected for Computer Literacy Course 2022

S NO	FORM No.	CANDIDATES NAME	ROLL NO.	COURSE	YEAR	MOBILE NO
1	36	AAKIFA	19/2923	B.Sc. (H) Elec.	III	9560953304
2	134	ADIBA	19/1041	B.A. (H) Urdu	III	7428608424
3	97	ALISHA	19/1945	B.A. (P)	III	8287095957
4	138	ANJALI	19/806	B.A. (H) Hindi	III	9311067183
5	157	ASHFIYA KHURSHEED	19/811	B.A. (H) Urdu	III	8375944456
6	2	BUSHRA	19/17	B.A. (P)	III	9625177957
7	12	BUSHRA BANO	19/1683	B.A. (P)	III	9310613034
8	87	CHANDNI KUMARI	19/1237	B.A. (H) Pol. Sc.	III	9999382147
9	15	CHHAYA	19/738	B.A. (P)	III	9625610520
10	128	DEEKSHA RAJPOOT	19/979	B.A. (H) Pol. Sc.	III	6387486854 8127507711
11	146	FAIQA IRFAN	19/1349	B.A. (P)	III	9811682140
12	100	FARHEEN	19/1345	B.A. (H) Hindi	III	9821810907
13	153	FARIHA KHAN	19/1313	B.A. (P)	III	9871374771
14	30	HUDA	19/914	B.A. (H) History	III	9599096521
15	140	ILMA	19/673	B.A. (H) Urdu	III	9650643242
16	72	ILMA ZAKI	19/2082	B.A. (P)	III	9643643277
17	31	IQRA PAREEN	19/1537	B.A. (H) Urdu	III	8076975674
18	94	ISHA	19/123	B.A. (P)	III	8376095116
19	106	JYOTI	19/840	B.A. (P)	III	8851170182
20	123	JYOTI KUMARI	19/837	B.A. (P)	III	9821266846
21	96	KARABI JANATIA	19/1844	B.A. (P)	III	8837307438
22	13	KHUSHI BHANUPRAKASH	19/1444	B.A. (P)	III	7428661402
23	151	LADLI	19/1388	B.A. (H) Hindi	III	7428152908
24	156	LAIBA SUNDUS ADEDIN	19/794	B.A. (H) Urdu	III	7703832587
25	37	MANISHA GUPTA	19/2151	B.Sc. (H) Elec.	III	8920684693
26	152	MEHJABI	19/1591	B.A. (P)	III	8376026322
27	62	MONI KUMARI	19/71	B.A. (H) Pol. Sc.	III	9818753496
28	19	NEHA	19/1390	B.A. (P)	III	9315156302
29	129	PEIMIPEM KHANGRAH	19/238	B.A. (H) Pol. Sc.	III	7085313978
30	10	POOJA KUMARI	19/1576	B.Sc. (H) Elec.	III	7635001313
31	117	PRACHI SINGH	19/2556	B.A. (P)	III	9911090039
32	28	RABIA PARVEEN	19/1476	B.A. (P)	III	9831447022
33	103	RUPESH	19/1386	B.A. (H) Hindi	III	8287571200
34	115	SALMA	19/1805	B.A. (H) Per.	III	9811506599
35	150	SANA	19/1267	B.A. (P)	III	9818693099
36	35	SANA PARVEEN	19/2920	B.A. (P)	III	9319582117
37	92	SANIYA	19/1583	B.A. (P)	III	8810266277
38	63	SHIKHA	19/1321	B.A. (H) Pol. Sc.	III	7303342965

<b>S NO</b>	<b>FORM No.</b>	<b>CANDIDATES NAME</b>	<b>ROLL NO.</b>	<b>COURSE</b>	<b>YEAR</b>	<b>MOBILE NO</b>
39	38	SONALI	19/2750	B.A. (P)	III	8178073720
40	136	SRISTI	19/594	B.A. (P)	III	8287396842
41	58	TANYA CHANDRA	19/689	B.A. (P)	III	6201489200
42	113	TUBA ALI	19/1495	B.A. (H) Per.	III	8178010013
43	17	TWINKLE	19/582	B.A. (H) Hindi	III	9311020980
44	93	ZEBA	19/426	B.A. (P)	III	8595538244

# ZAKIR HUSAIN DELHI COLLEGE

Jawaharlal Nehru Marg, New Delhi-11002

25<sup>th</sup> October, 2021

## NOTICE

It is notified that online admission for **Certificate Course in Russian (Part Time)** has been started. Only regular UG & PG students of the College who are interested to take admission in the course can apply online on the college website [zakirhusaindelhicollege.ac.in](http://zakirhusaindelhicollege.ac.in)

### **Details of the course**

Minimum eligibility : 45% in the aggregate in class XII or Graduation for admission.

Duration : One Year

Timing of Classes : Class will be held three day a week between 7:30 a.m. to 8:30 a.m.

Admission Fee : Rs. 1722/- (For the students who are already enrolled in Delhi Universtiy)

Merit List : List of shortlisted students will displayed at the college website in the month of November, 2021

The students are directed to deposit the Admission fee Rs.1722/- at the window No1. (Office) between 10.a.m. to 1.00.p.m by 28/11/2021 after selection in the course.

  
(Dr. K.K. Arora)  
Acting Principal

On college website

# ZAKIR HUSAIN DELHI COLLEGE

Jawaharlal Nehru Marg, New Delhi-11002

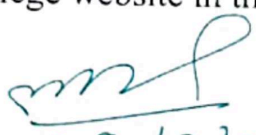
28<sup>th</sup> October, 2020

## NOTICE

It is notified that online admission for **Certificate Course in Russian Language** has been started. Only regular UG & PG students of the College who are interested to take admission in the course can apply online on the college website [zakirhusaindelhicollege.ac.in](http://zakirhusaindelhicollege.ac.in)

### Detail of the course

- Minimum eligibility for admission : 45% in the aggregate in class XII or Graduation
- Duration : One Year
- Timings of Classes : Classes will be held three days a week between 7.30 a.m. and 9.00 a.m.
- Admission Fee : (a) Rs.1722/- (For the students who are already enrolled in Delhi University)
- Merit List : List of shortlisted students will displayed at the college website in the second week of November, 2020.

  
28.10.2020  
(Dr. Masroor Ahmad Beg)  
Officiating Principal



# ZAKIR HUSAIN DELHI COLLEGE

## STUDENTS LIST

For

### COMPUTER COURSE - 2019-20

*Duration : 6 Months*

S.NO.	NAME	FATHER'S NAME	ROLL NO.	COURSE	YEAR	MOBILE NO.
1	AAKIFA	ABDUL REHMAN	19/2923	B.SC. (H) ELE	I	9560953304
2	AARTI	MR. MUNNALAL	19/1393	B.A. (H) POL. SC.	I	9354081739
3	ANAM NAAZ	MD. YUSUF	17/184	B.A. (H) URDU	III	8920948153
4	AQSA NASIR	MOHD. NASIR	17/401	B.A. (H) URDU	III	9873514993
5	AQSA NASIR DEHLVI	NASRULLAH NASIR DEHLVI	17/800	B.A. (P)	III	8587890199
6	ARSHI KHAN	ABAD AHMED KHAN	18/1549	B.A. (H) ECO	II	7827407937
7	ASIYA	MOHD. SALEEM	17/41	B.A. (H) URUD	III	9599736509
8	BUSHRA PARVEEN	ABDUL SAJID	17/92	B.A. (H) URDU	III	8766249364
9	DANIYA	REHAN AHMED	17/85	B.A. (H) ARABIC	III	9716770775
10	GHOSIYA	RIZWAN	17/1396	B.A. (H) URDU	III	9315065412
11	ILMA NAZ	MOHD. MURSALEEN	17/38	B.A. (H) URDU	III	9873587063
12	ILSA ANJUM	M. ASLAM	17/59	B.A. (H) ARABIC	III	8527138162
13	IRAM	MOHD. IRFAN	17/101	B.A. (H) URDU	III	9582361204
14	ISMAT JAHAN	TAYYAB ALI	17/291	B.A. (H) URDU	III	8377037899
15	KHUSHNUMA SHAKIR	MOHD. SHAKIR	18/2125	B.COM (H)	II	7838886819
16	MANISHA GUPTA	SHRI SUBHASH GUPTA	19/2151	B.SC. (H) ELE	I	7838880309
17	MOINA	SHAMEEM AKHTAR	17/74	B.A. (H) URDU	III	9891950195 8287440424
18	MONA KUMARI	MAHESH PRASAD GUPTA	19/2510	B.A. (P)	I	9667121251
19	MUSLIMA	MOMIN ALI	17/6	B.A. (P)	III	8700409428
20	NABIA	RAISUDDIN	17/39	B.A. (H) URDU	III	8588015080

21	POOJA KUMARI	PRADEEP GOND	19/1576	B.SC. (H) ELE	I	7635001313
22	PURNIMA DAS	AMOL DAS	19/2806	B.A. (P)	I	8510969331
23	ROMA	NANDKISHOR PASWAN	19/2629	B.A. (P)	I	8376826188
24	SAFREEN JAHAN	MOHD. SHAHID	18/1182	B.A. (P)	II	9811595057
25	SAMREEN	JAMEELUDDIN	17/91	B.A. (H) URDU	III	9821838990
26	SANA NAAZ	MOHD. ASLAM	17/1790	B.A. (H) PHIL	III	7683076769
27	SHADIYA	SHAHID AHMAD	17/399	B.A. (H) URDU	III	9667130242
28	SONALI	VINOD KUMAR	19/2750	B.A. (P)	I	8178073720
29	ZAINAB KHAN	MAZHAR KHAN	17/200	B.A. (H) URDU	III	9313727849
30	ZEBA NAAZ	KUTUBUDDIN	19/1432	B.A. (H) ENG	I	9213709171

***(Classes will start from 15 October 2019 )***

# ZAKIR HUSAIN DELHI COLLEGE

Jawaharlal Nehru Marg, New Delhi-11002

02<sup>nd</sup> August, 2019

## NOTICE

It is notified that the Admission Forms for admission to **Certificate Course in Russian Language** (Part-Time) are available in the office. Only the regular students of the college who are interested to learn the Russian Language can obtain Admission Form on the payment for Rs.20/- from the Reception Counter near Main Gate of the college between 10.00 a.m. and 01.00 p.m.

The Admission Form alongwith all relevant documents may be submitted to Mr. Iqtadar Alam in Room No.1 (office) between 10.00 a.m. and 01.00 p.m.

Last date for issue and submission of Admission Form is 8<sup>th</sup> August, 2019.

### **Detail of the course**

#### **Minimum eligibility for Admission:**

A candidate should have passed any **one** of the following examinations with **45%** marks in the aggregate:

- (a) Senior Secondary School Certificate examination
- (b) Graduation
- (c) Post-graduation

**Duration** : One Year

**Timings of Classes** : Classes will be held three days a week between 7.30 a.m. and 9.00 a.m.

**Admission Fee** : (a) Rs.1722/- (For the students who are already enrolled in Delhi University)  
(b) Rs.1772/- (For the students who are not enrolled in Delhi University)

**Merit List** : Merit List of the students will displayed at the Office Notice Board on 10<sup>th</sup> August, 2019.

(Dr. Masroor Ahmad Beg)

Offg. Principal