

ANUM KAMAL

ASSISTANT PROFESSOR

Lucknow, Uttar Pradesh, India

+917007330518, +919580057823

anum.kamal@gmail.com

Linkedin: [linkedin.com/in/anum-kamal-ak](https://www.linkedin.com/in/anum-kamal-ak)

Orchid: <https://orcid.org/0009-0001-9686-2857>

Google Scholar: <https://scholar.google.com/citations?user=mt4uy5wAAAAJ&hl=en&authuser=2>



PROFILE

Dedicated and experienced candidate with a Master's degree in Computer Science seeking an Assistant Professor/ Lecturer position. With over 3 years of teaching expertise in subjects like Object-Oriented Concepts in JAVA, Data Warehousing, Data Mining, Data Analytics, Machine Learning Techniques, and Big Data, I Aim to succeed in an environment of growth and excellence and earn a job that provides me with job satisfaction and self-development.

Ready to relocate

EMPLOYMENT HISTORY

ASSISTANT PROFESSOR, INTEGRAL UNIVERSITY, LUCKNOW, INDIA

AUGUST 2023 – PRESENT

- Teaching subjects like Object Oriented Concepts in JAVA and Data Warehousing and Data Mining.
- Assisted students in project development like, “PANACEA – A diabetics detection system using Machine Learning” and “FarmaSync – A Deep Learning driven Plant disease and soil quality detection system”.
- Working as a Club Advisor in the Departmental Art and Culture Club.

ASSISTANT PROFESSOR, BABU BANARSI DAS ENGINEERING COLLEGE, LUCKNOW, INDIA

AUGUST 2021 – AUGUST 2022

- Taught subjects like Data Analytics, Machine Learning Techniques, Big Data, and Soft Skills.
- Acquired various certifications through Faculty Development programs and Workshops on Data Science and Machine Learning
- Gained organizational and management skills by working as a faculty coordinator of Enigma, a technical community at this institute.
- Attended various conferences and seminars, delivering scholarly presentations and guest lectures.
- Offered academic support and advice, helping students with challenging curricula.
- Coordinated campus activities resulting in increased morale and student networking.
- Instructed classes consistent with approved course content and credit.
- Attended faculty meetings to plan and deliver curricula and instruction consistent with educational goals.

POST-GRADUATE TRAINED TEACHER, CAREER CONVENT GIRLS COLLEGE, LUCKNOW, INDIA

JANUARY 2020 – AUGUST 2021

- Organized workshops for teachers on the latest computing technologies.
- Gained experience in languages like Java, HTML \$ CSS, Scratch, and Python by teaching subjects like Computer Science and Computer Application at the intermediate level.
- Collected and documented student feedback to make adjustments to instruction.
- Used varied tools to perform both formative and summative assessments.
- Communicated with parents and guardians regarding academic, behavioral, or safety concerns.
- Assigned work, correcting and marking projects and tests completed by students.

- Participated in training courses and professional development opportunities to improve teaching skills.
- Documented student attendance and maintained achievement and progress records.
- Guided and advised students on educational and social matters on further education and future careers.

TECHNICAL PROFICIENCY

PROGRAMMING LANGUAGES		TOOLS	
Python	★★★★★	Ms Excel, Google Sheets	★★★★★
JAVA	★★★★★	Ms Office, Ms PowerPoint	★★★★★
R	★★★	MY SOL & Oracle	★★★★★
C	★★★★	Tableau	★★★★
JavaScript	★★★★★	Photoshop, Paint	★★★★★
HTML & CSS	★★★★★	Turbo C	★★★★★
C++	★★★★★	Blue J	★★★★★
		Netbeans	★★★★★

KEY SKILLS AND CHARACTERISTICS

STUDENT RESEARCH GUIDANCE • DEEP LEARNING • NATURAL LANGUAGE PROCESSING • INSTRUCTIONAL TECHNIQUES • STUDENT RECORD MANAGEMENT • EVALUATIONS AND ASSESSMENTS • PUBLIC SPEAKING • TECHNOLOGY – BASED CURRICULUM • THESIS ADVISEMENT • DISTANCE LEARNING TOOLS • GOOGLE DRIVE • ACADEMIC PUBLICATIONS • LAB WORK • DATA ANALYSIS • DATA SCIENCE • MACHINE LEARNING • BUSINESS INTELLIGENCE • PROBLEM SOLVING AND TROUBLESHOOTING • BUSSINESS ANALYSIS • CREATIVITY • LEADERSHIP • TIME MANAGEMENT • PRESENTATION • COMMUNICATION AND PUBLIC SPEAKING • STRATEGIC PLANNING • COLLABORATION • LOGIC AND ANALYSIS

SCHOLASTIC & ACCREDITATION

- Pursuing Doctor of Philosophy (Ph. D.), Integral University, Lucknow, (U.P.), India (since 2020)
- Master of Technology (CSE), Integral University, Lucknow, (U.P.), India (2020) with 9.94 CGPA
- Bachelor of Technology, Integral University, Lucknow, (U.P.), India (2018) with 81% aggregate.
- ISC, Emma Thompson School, Lucknow, (U.P.), India, with 70% aggregate.
- ICSE, Loreto Convent Intermediate College, Lucknow, (U.P.), India, with 79% aggregate.

ACHIEVEMENTS:

- **UNIVERSITY SILVER MEDALIST (2019 – 2020)**
MASTER OF TECHNOLOGY,
DEPT. OF COMPUTER SCIENCE AND ENGINEERING
INTEGRAL UNIVERSITY, LUCKNOW, INDIA
- **DEPARTMENT GOLD MEDALIST (2019 – 2020)**
MASTER OF TECHNOLOGY,
DEPT. OF COMPUTER SCIENCE AND ENGINEERING
INTEGRAL UNIVERSITY, LUCKNOW, INDIA

CERTIFICATIONS:

- **INVESTMENT BANKING (HRDC APPROVED)**
SKILLOGRAPH

NOVEMBER 2022

- **DATA-DRIVEN DECISIONS**

COURSERA (GOOGLE)

NOVEMBER 2022

- **FOUNDATION: DATA ANALYTICS**

COURSERA (GOOGLE)

NOVEMBER 2022

- **INVESTMENT BANKING: FINANCIAL ANALYSIS AND VALUATION**

COURSERA

NOVEMBER 2022

- **MARKETING ANALYTICS FOUNDATION**

COURSERA (META)

JULY 2022

- **WHAT IS DATA SCIENCE?**

COURSERA (IBM)

MARCH 2021

- **MICROSOFT CERTIFICATE EDUCATOR**

MICROSOFT

SEPTEMBER 2020 – OCTOBER 2020

- **PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON**

NPTEL

AUGUST 2018 – SEPTEMBER 2018

- **THE JOY OF COMPUTING PYTHON**

NPTEL

JULY 2018 – OCTOBER 2018

PAPER PUBLICATIONS:

- **Anum Kamal**, Faiyaz Ahmad, “Enhancing Precision in Lung Cancer Detection through CapsuleNet-ResNet Fusion Model” (2024). Journal: Journal of Electrical Systems (JES). Paper ID: JES_2024_05_1977, Manuscript No.: MCN0002701
- **Anum Kamal**, Faiyaz Ahmad, “Enhancing Lung Cancer Detection through a Novel CapsuleNet-ResNet Fusion Model: A Comparative Study on Accuracy and Robustness” (2024). Journal: International Journal of Intelligent Systems and Applications in Engineering (IJISAE). Paper ID: IJISAE_24/04_2513, Manuscript No.: MCN0002419

BOOK CHAPTER PUBLICATIONS:

- **Anum Kamal**, Faiyaz Ahmad, Aisha Kamal, “Artificial Intelligence and Drones: Revolutionizing Smart Farming through Precision and Automation” (2023). Book Title: Artificial Intelligence and Internet of Things for Smart Agriculture, CRC Press, Taylor and Francis, USA, ISBN; 9781032565873. (Accepted)
- **Anum Kamal**, Faiyaz Ahmad, Aisha Kamal, “Medical Image Analysis: Revolutionizing Diagnosis through Deep Learning” (2024). Book Title: Futuristic Trends in Artificial Intelligence, IIPV3EBS09_G75, IIP Series. e-ISBN: 978-93-6252-541-3 (Published)

BOOK PUBLICATIONS:

- **Anum Kamal**, Santosh Kumar Shukla, Ravendra Ratan Singh, and Maneesh Singhal. Book Title: “Digital Marketing: A New Business Strategy”, Walnut Publications. Published on: July 2023.
- **Anum Kamal**, Mr. Anshul Kumar, Ms. Neetu, and Dr. Mohammad Arif. Book Title: “Applications and Concepts of Cloud Computing”, Walnut Publications. Published on: September 2023.
- **Anum Kamal**, Dr. Naresh Kumar, Ms. Mariyam Kidwai and Ms. Amrita Mishra. Book Title: “Concepts of Discrete Mathematics”, Walnut Publications. Published on: September 2023.

CONFERENCES/SEMINAR ATTENDED:

- Attended seminar on “Lifestyle Diseases Working Women’s Health Priorities and Interventions”, organized by Department of Bioengineering, Women’s Grievance Cell, Women’s Study Center, Integral University, Lucknow-India. In Collaboration with: International Society for Medical Food & Nutrition, KGMU on 23rd September 2023.
- Presented paper, “Path Optimization: A Potential Approach to Path Planning using Deep Learning” at an international conference on “Recent Trends in Electrical, Electronics and Computer Science Engineering (ICEECS-2020)”.
- Attended the “International Conference on Advancement in Computer Engineering & Information Technology (ACEIT-16)” organized by the Department of Computer Science and Engineering, Integral University, Lucknow on 12th March 2016.
- Attended a “National Seminar on Cyber Threats to Digital World” organized by the Department of Computer Application, Integral University, Lucknow under the aegis of Indian Society for Technical Education (ISTE) & Computer Society of India (CSI) Chapter on 24th September 2014.

PATENTS:

- “Design and Develop a device that predicts the job performance of employees based on emotional intelligence”- Indian Patent (Application No. 202311073759 A). Published on: November 2023.

OTHER PUBLICATIONS:

- Article published “Empowering Working Women: AI-Driven Solutions for Managing Anxiety and Depression in Modern Lifestyle” in International Seminar on **Lifestyle Diseases Working Women’s Health Priorities and Interventions**, organized by Department of Bioengineering, Women’s Grievance Cell, Women’s Study Center, Integral University, Lucknow-India. In Collaboration with: International Society for Medical Food & Nutrition, KGMU on 23rd September 2023.

FACULTY DEVELOPMENT PROGRAMS (FDPS):

- Faculty Development Program on “Cloud Computing – AWS” organized by E & ICT Academy, IIT Kanpur, from 20-04-2024 to 26-04-2024.
- National Faculty Development Program on “GenAI and Prompt Engineering using Microsoft Copilot” organized by P B Siddhartha College of Arts and Science, Dept. of CSE- Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with ExcelR Edtech. Pvt. Ltd., from 15th April 2024 to 19th April 2024.
- STC cum FDP “MATLAB- An Application to AI” organized by the Department of Computer Science and Engineering, Integral University, Lucknow, from 12th March 2024 to 16th March 2024.
- STC 2024 – AI/ML and Data Science 4.0 (Advanced Level) ICT-156, organized by NITTR Chandigarh, India from 26th February 2024 to 1st March 2024.
- STC on HTML, CSS and JavaScript, organized by the Department of Computer Science and Engineering, Integral University, Lucknow from 2nd February 2024 to 18th February 2024.
- “Block Chain” organized by E & ICT Academy, IIT Kanpur, Uttar Pradesh, India from 20th March 2023 to 24th March 2023.
- “Artificial Intelligence for Sustainable Development” organized by the Department of Computer Science and Engineering, Integral University, Lucknow, from 17th September 2022 to 22nd September 2022.
- “Computational Intelligence: COIN-2022” organized by the Department of Computer Science and Engineering, Babu Banarsi Das Northern India Institute of Technology, Lucknow, from 16th February 2022 to 20th February 2022.
- “Data Analysis Using Advanced Excel” organized by E & ICT Academy, IIT Kanpur, from 1st February 2022 to 7th February 2022.
- “Next-Gen Computing Technologies” organized by the Department of Computer Application, Integral University, Lucknow, from 10th November 2021 to 25th November 2021

PROJECTS:

- **Dummy project of Company Inu + Neko**
 - Following OSEMN process – Obtaining, Scrubbing, Exploring and Interpreting Data.
 - Working on problems like: How do the new incoming customers differ from their past customers? What items are most popular among those customers? Are there different items they should stock more? Is there a difference in buying patterns of the old customers and new customers?
- **PROJECT ON “PATH OPTIMIZATION: A POTENTIAL APPROACH TO PATH PLANNING”
JULY 2019 – JULY 2020**
 - Machine Learning.
 - Review Published: Anum Kamal, Faiyaz Ahmed, “Path Optimization: A Potential Approach to Path Planning using Deep Learning” in the International conference on recent trends in Electrical, Electronic, and computer science Engineering (ICEECS-20), 10th & 11th January 2020.
 - Research Paper Published: Anum Kamal, Faiyaz Ahmed, “A Potential Approach to Path Planning and Optimization for Vehicle Navigation”. Book Title: Pervasive Healthcare: A Compendium for critical factors of success EAI/Springer ovations in Communication and Computing - EAISICC.2021, Publisher Springer, and Copyright Holder: Springer Science.
 - International Conference: Presented paper, ”Path Optimization: A Potential Approach to Path Planning using Deep Learning” in International conference on “Recent Trends in Electrical, Electronics and Computer Science Engineering (ICEECS-2020)”.
- **STUDENT INFORMATION SYSTEM WEBSITE
JULY 2017 – JULY 2018**
 - Language used: Java
 - Platform: NetBeans IDE
 - Frontend: Bootstrap
- **DOCTOR’S HELPLINE WEBSITE
JUNE 2017 – JULY 2017**
 - Language used: Java
 - Platform: NetBeans IDE
 - Frontend: Bootstrap
- **CAR MANAGEMENT SYSTEM WEBSITE
JUNE 2014 – JULY 2014**
 - Mini project
 - Language Used: C
 - Platform: NetBeans
 - Frontend: HTML and CSS

LANGUAGES

English • Hindi • Urdu

ACTIVITIES AND INTERESTS

Cooking • Baking • Reading • Writing • Drawing • Travelling • Badminton

GENERAL INFORMATION

Address: 118/86kha, D-1, 2nd Floor, Burlington Apartment, Cantt Road, Lucknow, 226001, Uttar Pradesh, India.
Date of Birth: 27th August 1996.
Nationality: Indian
Religion: Islam

**I have a valid passport issued by the government of India
(Passport No. V0154183 valid up to 12/10/2030)**

REFERENCES

1. Dr. Faiyaz Ahmad

Associate Professor,
Integral University, Lucknow, India.

Email: faiyaz.ahamad@yahoo.com

Phone: (+91) 7985513509

2. Dr. Snober Mir

Head of Department,
Integral University, Lucknow, India.

Email: smir@iul.ac.in

Phone: (+91) 9198990380

3. Dr. Halima Sadia

Associate Professor,
Integral University, Lucknow, India.

Email: halima@iul.ac.in

Phone: (+91) 9838223309

4. Ms. Roshan Jahan

Assistant Professor,
Integral University, Lucknow, India.

Email: roshan@iul.ac.in

Phone: (+91) 9838223309

DECLARATION

Hereby, I declare that all the above details are true and correct to the best of my knowledge.

PLACE: LUCKNOW


ANUM KAMAL