

SHRUTI TIWARI

CONTACT

✉ tiwarishruti1997@gail.com

📍 LIG-2/160 LAHARPUR
BAGMUGALIYA
EXTENSION, BHOPAL

PROFILE

A dedicated and enthusiastic Computer Science educator with 3 years of experience as a Guest Faculty. During this period, I have taught subjects such as Basic Computer Skills, Operating Systems, Theory of Computation, Data Structures, and Basic Python, contributing to students' academic and technical development. I am passionate about teaching, continuous learning, and knowledge sharing. I aspire to further advance my teaching journey by exploring new subjects, gaining diverse academic experiences, and enhancing my expertise to contribute effectively to the field of education and technology.

EDUCATION

2024-2026

BARKATULLAH UNIVERSITY
INSTITUTE OF TECHNOLOGY,
BHOPAL (M.P.)

- Master of Computer Technology

2018

BARKATULLAH UNIVERSITY
INSTITUTE OF TECHNOLOGY,
BHOPAL (M.P.)

- Bachelor of Computer Science and Engineering.

SKILLS

- Effective Classroom Management
- Lesson Planning and Curriculum Development
- Student-Centered Teaching Methods
- Communication and Presentation Skills
- Assessment and Evaluation Techniques
- Mentoring and Academic Guidance
- Interactive and Activity-Based Learning
- Educational Technology Integration
- Online and Blended Learning
- Problem-Solving and Critical Thinking Facilitation
- Time Management and Organization
- Adaptability and Continuous Learning

TEACHING EXPERIENCE

VISITING FACULTY

BUIT, BU BHOPAL (M.P.) | 3 YEAR

SUBJECTS TAUGHT:

- BASIC COMPUTER SKILLS
- OPERATING SYSTEM
- THEORY OF COMPUTATION
- DATA STRUCTURE
- BASIC PYTHON

RESPONSIBILITIES:

- DELIVERING LECTURES AND PRACTICAL SESSIONS.
- PREPARING LESSON PLANS AND STUDY MATERIALS.
- CONDUCTING ASSESSMENTS AND EVALUATIONS.
- GUIDING STUDENTS IN ACADEMIC PROJECTS AND ASSIGNMENTS.

TECHNICAL SKILLS

- PROGRAMMING LANGUAGES: PYTHON,
- DATABASE: MYSQL
- OPERATING SYSTEMS: WINDOWS
- TOOLS: MS OFFICE, YOUTUBE LIVE CLASSES, CANVA, CHATGPT, AI-BASED EDUCATIONAL TOOLS

LANGUAGES

- English (Fluent)
- Hindi

PUBLICATIONS / RESEARCH PAPERS / CITATION

- "ARTIFICIAL INTELLIGENCE EMPOWERED PEDAGOGY TRANSFORMING TEACHING AND LEARNING IN THE DIGITAL ERA" PRESENTED AND PUBLISHED IN PLIMSS CONFERENCE 2026, INTERNATIONAL CONFERENCE AT NELLAI COLLEGE OF ENGINEERING, TIRUNELVELI -627 151, TAMIL NADU, INDIA
- "THE EVOLUTION OF RISK MANAGEMENT: FROM CONVENTIONAL TRADE PRACTICES TO DATA-DRIVEN ANALYTICS" IN THE INTERNATIONAL CONFERENCE VEDAS TO VISION 2047: ARTIFICIAL INTELLIGENCE FOR A SUSTAINABLE FUTURE, ISBN: 978-81-994173-9-7, ORGANISED BY SA GIRLS COLLEGE, BHOPAL (M.P.)
- "PREDICTING COCA COLA STOCK PRICES USING RANDOM FOREST REGRESSOR AND LSTM" PUBLISHED IN SSRN ELECTRONIC JOURNAL 2025-04-15 | JOURNAL-ARTICLE DOI: [10.2139/SSRN. 5219497](https://doi.org/10.2139/ssrn.5219497) PART OF ISSN: [1556-5068](https://www.ssrn.com/issn/1556-5068)
- "HARNESSING THE POWER OF ARTIFICIAL INTELLIGENCE IN EDUCATION " PUBLISHED IN SSRN ELECTRONIC JOURNAL 2024 | JOURNAL-ARTICLE DOI: [10.2139/SSRN. 4747352](https://doi.org/10.2139/ssrn.4747352) PART OF ISSN: [1556-5068](https://www.ssrn.com/issn/1556-5068) SOURCE: VIA CROSSREF METADATA SEARCH A
- THE ABOVE PAPER CITED IN [CADENA, O. A., JUÁREZ, I. A., DE LA VEGA, J. A., & ALMARAIZ, A. B. \(2025\). UN CHATBOT APOYANDO LA ENSEÑANZA DE PROGRAMACIÓN DE COMPUTADORAS. INNOEDUCA. INTERNATIONAL JOURNAL OF TECHNOLOGY AND EDUCATIONAL INNOVATION, 11\(1\), 74-91.](#)
- "MEDI-CRYPT: HEALTHCARE DATA PROTECTION AND SHARING USING BLOCKCHAIN TECHNOLOGY" PUBLISHED IN SSRN ELECTRONIC JOURNAL 2023 | JOURNAL-ARTICLE DOI: [10.2139/SSRN. 4322413](https://doi.org/10.2139/ssrn.4322413) PART OF ISSN: [1556-5068](https://www.ssrn.com/issn/1556-5068)
- "PREDICTING THE SPREAD OF CORONAVIRUS BY USING WEKA TOOLS" PRESENTED AND PUBLISHED IN ONLINE TWO-DAY INTERNATIONAL CONFERENCE ON SOFT COMPUTING TECHNIQUES & COMMUNICATION ENGINEERING (29-30 JANUARY, 2021) ORGANISED BY LNCT GROUP OF COLLEGES, BHOPAL 2021-01 | CONFERENCE-PAPER PART OF ISSN: [2348-4039](https://www.ssrn.com/issn/2348-4039) OTHER-ID: [HTTPS://IJERMT.ORG/PUBLICATION/7/LNCT-7.PDF](https://ijermt.org/publication/7/lnct-7.pdf)
- "WOMEN APTITUDE QUOTIENT TOOLS BY USING CHATBOT TECHNIQUE WITH PHP" PRESENTED AND PUBLISHED IN INTERNATIONAL JOURNAL OF CREATIVE RESEARCH AND THOUGHTS (IJCRT) [HTTPS://WWW. IJCRT. ORG](https://www.ijcrt.org) 2021 | JOURNAL-ARTICLE SSRN: [4228041](https://www.ssrn.com/issn/4228041) PART OF ISSN: [1556-5068](https://www.ssrn.com/issn/1556-5068)

CONFERENCES / WORKSHOPS / FDPS ATTENDED

- PRESENTED A PAPER ENTITLED "PREDICTING THE SPREAD OF CORONAVIRUS BY USING THE WEKA TOOL". IN AN ONLINE TWO-DAY INTERNATIONAL CONFERENCE ON "SOFT COMPUTING TECHNIQUES & COMMUNICATION ENGINEERING " HELD ON JANUARY 2021 AT THE LNCT GROUP OF COLLEGES, BHOPAL (M.P.)
- PARTICIPATED IN A ONE-DAY NATIONAL WORKSHOP ON THE TOPIC" CHATBOT DEVELOPMENT" IN MARCH 2021, HELD BY THE COMPUTER SCIENCE DEPARTMENT, BHOPAL.
- PARTICIPATED AND SECURED 3RD POSITION ON A UNIVERSITY-LEVEL COMPETITION POSTER PRESENTATION EVENT HELD IN FEBRUARY 2021 BY CSE, BU BHOPAL.
- COMPLETED TRAINING IN THE DIGITAL MARKETING COURSE IN SEPTEMBER 2022 AT LEARNVERN PVT LTD, AN APPROVED TRAINING PARTNER OF NSDC, AHMEDABAD, GUJARAT
- PARTICIPATED AND COMPLETED THE 5-DAY ONLINE FDP ON THE THEME "INCLUDING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION," ORGANIZED BY AICTE, NEW DELHI (U.P.) FROM 27TH JAN TO 31ST JAN 2025. (ONLINE MODE)
- PARTICIPATED IN A HACKATHON ON THE "CORE ECOSYSTEM " HELD BY THE GEEKS OF GURUKULIN IN OCTOBER 2025.
- CERTIFIED IN ORACLE CLOUD INFRASTRUCTURE 2025 AI FOUNDATIONS ASSOCIATE WITH 68% SCORE. IN OCTOBER 2025 HELD BY ORACLE UNIVERSITY.
- PARTICIPATED IN THE IKS WORKSHOP ON"ANANT VIDHYA- INFINITE KNOWLEDGE ACROSS ERAS" ORGANIZED BY THE DEPARTMENT OF MATHEMATICS, BARKATULLAH UNIVERSITY, BHOPAL (M.P.) HELD FROM 10TH 11TH FEB 2026 UNDER THE PM-USHA SCHEME.
- CO-ORDINATED IN THE NATIONAL WORKSHOP ON "GREEN ENERGY" ORGANISED BY THE DEPARTMENT OF ELECTRICAL ENGINEERING, UIT, BHOPAL, HELD ON 23-24 FEB 2026.
- PARTICIPATED IN THE INTERNATIONAL WORKSHOP ON "AI EMPOWERED PEDAGOGY: INNOVATIVE DIGITAL STRATEGIES FOR EDUCATOR" ORGANIZED BY MANUSCRIPTPEDIA, KANYAKUMARI, FROM 9TH MARCH TO 14TH MARCH 2026 (ONLINE MODE)

DECLARATION

I HEREBY DECLARE THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.