




Faculty Details proforma for College Website



Title	Dr.	First Name	Karan	Last Name	Gupta	Photograph
Designation		Assistant Professor				
Email		kgupta@shyamlale.du.ac.in				
Web-Page						
Educational Qualifications						
Degree		Institution				Year
B. Sc. (H) CS		University of Delhi				2006
M. Sc. CS		University of Delhi				2008
Ph. D. (Comp. Sc.)		University of Delhi				2014
NET		UGC				Qualified
Career Profile						
<ul style="list-style-type: none"> Assistant Professor (ad-hoc), Shyam Lal College (Evening) (Sept 2016 onwards) Assistant Professor (ad-hoc), Sri Guru Teg Bahadur Khalsa College (2016) Assistant Professor (ad-hoc), Ramjas College (2014-15) 						
Administrative Assignments						
<ul style="list-style-type: none"> Worked/working as Member of <ul style="list-style-type: none"> Academic Planning Committee Alumni Committee BA (Prog) Admission Committee Computer Software & Website Committee Debating Society Library Committee Photography & Film Making Society Placement Cell Prospectus Committee Skill Development Committee Time Table Committee. Teacher-in-Charge (Department of Computer Science) for the year 2023-24 Nodal Officer (SEC/VAC/GE) for the year 2023-24 						
Areas of Interest / Specialization						
<ul style="list-style-type: none"> Software Engineering Machine Learning Computer Networks 						

- Web Application
- Web 2.0

Subjects Taught

Subject Taught under NEP 2020:

- Machine Learning
- Research Methodology
- Computer System Architecture
- Data Interpretation and Visualization using Python
- Data Analysis and Visualization using Python
- Programming in JAVA
- Front-end Web Page Design and Development
- Basic IT Tools
- Document Preparation and Presentation Software
- LaTeX Typesetting for Beginners
- Digital Empowerment

Subject Taught under CBCS-LOCF:

- Computer Networks & HTML
- GE-3 (Computer Networks)
- Programming in Java
- Multimedia Systems & Applications
- Data Visualization using R

Subject Taught under CBCS:

- Computer Networks
- GE-3 (Computer Networks)
- Visual Programming
- Software Engineering
- Database Management Systems
- Open Source Software
- IT Fundamentals.

Subject Taught under TYUP:

- Visual Programming I
- Visual Programming II
- Computer Application I
- Computer Application II
- CSAT/P (Computational Skills)

Subject Taught under FYUP:

- CS-603 (Network Programming)
- CS-702 (Information Security)

<ul style="list-style-type: none"> CS-2 (Data Structures) to B. Sc. (H) Electronics
Research Guidance
NA
Publications Profile
<p>Chapter in Books</p> <ul style="list-style-type: none"> ➤ Gupta, K. & Goel, A. (2017). <i>“Integrating Tagging Software in Web Application”, Handbook of Research on Contemporary Perspectives on Web-Based Systems</i>, A. Elçi (Editor), IGI Global. <p>Research Papers</p> <ul style="list-style-type: none"> ➤ Gupta, K. & Goel, A. (2014). <i>“Requirement Estimation and Design of Tag Software in Web Application”, International Journal of IT & Web Engineering</i>, IGI Publications. ➤ Gupta, K. & Goel, A. (2014). <i>“Blog in Web Application: A Software Engineering Perspective”, International Journal of Web Engineering and Technology</i>, Inderscience Publications. ➤ Gupta, K. & Goel, A. (2014). <i>“RSS, Mashup and Wiki in Web Application”, International Journal of Advanced Computational Engineering & Networking</i>, IRAJ. ➤ Gupta, K. & Goel, A. (2013). <i>“Software Engineering for Tagging Software”, International journal of Software Engineering & Applications (IJSEA)</i>, AIRCC Publishing. ➤ Gupta, K. & Goel, A. (2012). <i>“Requirement Checklist for blog in web application”, International Journal of Systems Assurance Engineering and Management</i>, Springer. <p>Conference Publications</p> <ul style="list-style-type: none"> ➤ Gupta, K. & Goel, A. (2013). <i>“Framework for Tagging Software in Web Application”, The Third International Conference on Computer Science and Information Technology (CCSIT- 2013)</i>. ➤ Gupta, K. & Goel, A. <i>“Framework for Blog in Web Application”, International Conference on Advances in Computing, Communication and Control (ICAC-2013)</i>. ➤ Gupta, K. & Goel, A. <i>“Tagging requirements for web application”, 5th India Software Engineering Conference (ISEC 2012)</i>. ➤ Gupta, K. & Goel, A. <i>“Requirements for blog in web application”, International Research Conference on Emerging Information Technology and Engineering Solutions (EITES-2012)</i>.

- Gupta, K. & Goel, A. *“Changing Landscape of Web Application”, 2nd National Conference on Information Technology for Business Transformation (ITBT 2011).*

Conference Organization/ Presentations (in the last three years)

Seminar Presentation/Refresher Course/FDP/Conference /Workshop Attended

- Completed **Five-Day Faculty Development Program** on **“Cyber offences, defence and investigation”** organized by **C-DAC Noida** in association with **Department of Computer Science, University of Delhi** Under the **ISEA Project Phase III**, an initiative of **Ministry of Electronics & Information Technology (MeitY)** in **July 2025**.
- Completed **Two-Day Workshop** on **“Microsoft Learn for Educators Foundational AI Bootcamp Training Workshop”** organized by **Microsoft** in collaboration with **Delhi University Computer Centre (DUCC)** in **June 2025**.
- Completed **Online Training Programme** on **“NEP 2020 Orientation & Sensitization Programme”** organized by **Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC)**, **Hansraj College, University of Delhi** under the aegis of **Malaviya Mission Teacher Training Programme (MH-MMTTP)** of **University Grants Commission** in **July 2024**.
- Completed **Two-Day Workshop** on **“Establishment of Modalities for Skill Enhancement Courses”** organized by **Skill Enhancement Courses Committee, University of Delhi** in **March 2024**.
- Completed **One-Week Online National Faculty Development Program** on **“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 (PMMMNTT)** of **Ministry of Education** in **Nov 2022**.
- Completed **Two-Week Refresher Course/Faculty Development Programme** in **Computer Science** on the theme **“Next Generation Technologies”** organized by **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** in collaboration with **Open Technology Forum (OTF)** and **Association for Promotion of Free and Open-Source Technologies (AFROST)** in **June-July 2021**.

Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
<ul style="list-style-type: none"> • Won the First prize in an event organized by the company GIGABYTE in the Department of Computer Science, University of Delhi. • Participated and won many competitions including All India level Mathematics and Science Test conducted by Central Institute for Proficiency in English Language, General Knowledge.
Association With Professional Bodies
NA
Other Activities
<ul style="list-style-type: none"> • Actively participated in organising One-Day Seminar in the Department of Computer Science, Shyam Lal College (Evening) in the years 2017 and 2019 as an organiser. • Organised several workshops and lectures for the Department of Computer Science, Shyam Lal College (Evening) while holding a faculty position. • Actively participated in organising Annual Intercollege Fest AGON of Department of Computer Science, Shyam Lal College (Evening) in the years 2017, 2018, 2019 and 2024 as an organiser. • Organised several events for the InspiriTi, Society of Department of Computer Science, Shyam Lal College (Evening) while holding a faculty position. • Member of various committees formed for organising annual functions like Annual Day, Sports Meet etc.

Signature of Faculty Member