


SHYAM LAL COLLEGE (EVE.)

UNIVERSITY OF DELHI

Faculty Proforma



Title	Dr.	First Name	Karan	Last Name	Gupta	
Designation		Assistant Professor				
Address		Sector 7, Rohini, Delhi				
Phone No	Office	01122324883				
Residence						
	Mobile	9999315402				
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 to till date) • Assistant Professor (ad-hoc), Sri Guru Teg Bahadur Khalsa College (Jan-Sept, 2016) • Assistant Professor (ad-hoc), Ramjas College (Aug 2014 – Aug 2015) 						
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

- Software Engineering
- Computer Networks
- Web Application
- Web 2.0

Subjects Taught

Subject Taught under NEP 2020:

- 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)
- CS-2 (Data Structures) to B. Sc. (H) Electronics

Research Guidance

NA

Publications Profile

Have published more than 10 Research Papers and Book Chapters in Conferences, Journals including Springer.

Publications

Chapter in Books

- Gupta, K. & Goel, A. (2017). ***“Integrating Tagging Software in Web Application”, Handbook of Research on Contemporary Perspectives on Web-Based Systems***, A. Elçi (Editor), IGI Global.

Research Papers

- Gupta, K. & Goel, A. (2014). ***“Requirement Estimation and Design of Tag Software in Web Application”, International Journal of IT & Web Engineering***, IGI Publications.
- Gupta, K. & Goel, A. (2014). ***“Blog in Web Application: A Software Engineering Perspective”, International Journal of Web Engineering and Technology***, Inderscience Publications.
- Gupta, K. & Goel, A. (2014). ***“RSS, Mashup and Wiki in Web Application”, International Journal of Advanced Computational Engineering & Networking***, IRAJ.
- Gupta, K. & Goel, A. (2013). ***“Software Engineering for Tagging Software”, International journal of Software Engineering & Applications (IJSEA)***, AIRCC Publishing.
- Gupta, K. & Goel, A. (2012). ***“Requirement Checklist for blog in web application”, International Journal of Systems Assurance Engineering and Management***, Springer.

Conference Publications

- Gupta, K. & Goel, A. (2013). ***“Framework for Tagging Software in Web Application”, The Third International Conference on Computer Science and Information Technology (CCSIT- 2013).***
- Gupta, K. & Goel, A. ***“Framework for Blog in Web Application”, International Conference on Advances in Computing, Communication and Control (ICAC-2013).***
- Gupta, K. & Goel, A. ***“Tagging requirements for web application”, 5th India Software Engineering Conference (ISEC 2012).***
- Gupta, K. & Goel, A. ***“Requirements for blog in web application”, International Research Conference on Emerging Information Technology and Engineering Solutions (EITES-2012).***
- Gupta, K. & Goel, A. ***“Changing Landscape of Web Application”, 2nd National Conference on Information Technology for Business Transformation (ITBT 2011).***

Conference Organization/ Presentations

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

- ***Developing Artificial Intelligence: Bane or Boon*** in **One-Day Seminar on Latest Trends & Technologies in the Field of Computer Science (2017)** organised by Department of Computer Science, Shyam Lal College (Evening).
- ***Understanding Net Neutrality Debate*** in **One-Day Seminar on Latest Trends & Technologies in the Field of Computer Science (2017)** organised by Department of Computer Science, Shyam Lal College (Evening).
- ***Discerning Semantic Web*** in **One-Day Seminar on Contemporary Developments in Internet (2019)** organised by Department of Computer Science, Shyam Lal College (Evening).
- Participated in **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.

- Participated in **Two-Day Workshop** on “**Establishment of Modalities for Skill Enhancement Courses**” organized by **Skill Enhancement Courses Committee, University of Delhi** in **March 2024**.
- Participated in **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**.
- Participated in **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**.
- Participated in one day **Faculty Development Program** on “**Microsoft Teams**” organized by **Computer Software & Website Committee, Shyam Lal College (Eve.), University of Delhi** in **March 2021**.
- Participated in the **One Week Faculty Development Programme** on “**Online Teaching Platforms**” organized by **Computer Software and Website Committee, Shyam Lal College (Eve.), University of Delhi** in **August 2020**.
- Participated in **One-day Workshop** on “**Search, Research, Effective Research Writings and Academic Integrity**” organised by **Skill Development Committee, Shyam Lal College (Eve.), University of Delhi** in **October 2019**.
- Participated in a **One-day Workshop “E-filing of ITR 1 & 2”** conducted in **Shyam Lal College (Eve.), University of Delhi** in association **Department of Commerce, Delhi School of Economics, University of Delhi** in **September 2019**.
- Participated in **Two-day Workshop “Cyber Disease – Ethical Hacking & Cyber Security”** conducted in **Bharati College, University of Delhi** in association **i3indya Technologies and Radiance’19 IIT Bombay** in **December 2018**.

- Participated in **Faculty Development Program on Latex & Scilab** organised by **Delhi University Computer Centre** in collaboration with **Spoken Tutorial IIT Bombay** in February 2019.
- Participated in a **Workshop on “Curriculum and Assessment Methods at UG and PG levels in DUCS”** which was organised by **Department of Computer Science, University of Delhi** in March 2019.
- Participated in **Two-day International Seminar on “Mahatma Gandhi in Pristine Perspective : A Sesquicentennial Overview”** organized by **Shyam Lal College (Eve.), University of Delhi** in August 2018.
- Participated in **Two-day International Seminar on “The Relevance of Dr. Ambedkar's Thought in Contemporary India”** organized by **Shyam Lal College (Eve.), University of Delhi** in February 2017.
- Participated in **Two-day International Conference on “Hagiography, Humanism and Caste Hierarchy in Bhakti Movement”** organized by **Shyam Lal College (Eve.), University of Delhi** in October 2016.

Research Projects (Major Grants/Research Collaboration)

NA

Awards and Distinctions

- 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

- 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.

(Dr. Karan Gupta)
Signature of Faculty Member