


# SHYAM LAL COLLEGE (EVE.)

## UNIVERSITY OF DELHI

### Faculty Proforma



Title	<b>Dr.</b>	First Name	<b>Karan</b>	Last Name	<b>Gupta</b>	
Designation		<b>Assistant Professor</b>				
Address		<b>G-20/119, Sector 7, Rohini, Delhi – 110085.</b>				
Phone No	Office					
	Residence					
	Mobile	<b>9999315402</b>				
Email	<b>kgupta@shyamlale.du.ac.in</b>					
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
<b>Ph. D. (Comp. Sc.)</b>		<b>Department of Comp. Sc., University of Delhi</b>			<b>2014</b>	
<b>M. Sc. Comp. Sc.</b>		<b>Department of Comp. Sc., University of Delhi</b>			<b>2008</b>	
<b>B. Sc. (H) Comp. Sc.</b>		<b>Keshav Mahavidyalaya, University of Delhi</b>			<b>2006</b>	
<b>Career Profile</b>						
<ul style="list-style-type: none"> <li>• <b>Assistant Professor, Dept. of Computer Science, University of Delhi -- (2016 to till date)</b></li> <li>• <b>Assistant Professor, SGTB Khalsa College -- (2016-2016)</b></li> <li>• <b>Assistant Professor, Ramjas College -- (2014-2015)</b></li> </ul>						
<b>Administrative Assignments</b>						
<ul style="list-style-type: none"> <li>• <b>Member of Content Creation Team of Self-Study Report of Shyam Lal College (Eve.)</b></li> <li>• <b>Member of sub-committee of IQAC of Shyam Lal College (Eve.), tasked with PPT preparation for NAAC Peer Team Visit</b></li> <li>• <b>Member of sub-committee under the CS Undergraduate Curriculum Revision process undertaken by Department of Computer Science, University of Delhi.</b></li> <li>• <b>Member of various groups/committees constituted by Department of Computer Science, University of Delhi, for formulation of guidelines of a paper of B. A. Prog CS Discipline.</b></li> <li>• <b>Member of various groups/committees constituted by Department of Computer Science, University of Delhi, for formulation of guidelines of a paper of Generic Elective (H) CS.</b></li> </ul>						

<b>Areas of Interest / Specialization</b>
Web 2.0 in Web Application, Java, Block Chain, Web page Designing,
<b>Subjects Taught</b>
<p><b>Shyam Lal College (Eve.)</b>  <b>Job Profile: Teaching &amp; Research</b>  <b>Subject Taught to B. A. (Program) with Computer Science under CBCS:</b></p> <ul style="list-style-type: none"> <li>• Computer Networks</li> <li>• Visual Programming</li> <li>• Software Engineering</li> <li>• Database Management Systems</li> <li>• Open Source Software</li> <li>• IT Fundamentals.</li> </ul> <p><b>Subject Taught to B. A. (Program) with Computer Science under TYUP:</b></p> <ul style="list-style-type: none"> <li>• Visual Programming I</li> <li>• Visual Programming II</li> <li>• Computer Application I</li> <li>• Computer Application II</li> </ul> <p><b>SGTB Khalsa College</b>  <b>Job Profile: Teaching &amp; Research</b>  <b>Subject Taught to B. Tech Computer Science:</b></p> <ul style="list-style-type: none"> <li>• CS-603 (Network Programming)</li> <li>• CS-702 (Information Security)</li> </ul> <p><b>Subject Taught:</b></p> <ul style="list-style-type: none"> <li>• CS-2 (Data Structures) to B. Sc. (H) Electronics</li> <li>• GE-3 (Computer Networks) of CBCS to various courses.</li> </ul> <p><b>Ramjas College</b>  <b>Job Profile: Teaching &amp; Research</b>  <b>Subject Taught:</b></p> <ul style="list-style-type: none"> <li>• CSAT-101 (Computational Skills) &amp; CSAP-101 (Computational Skills Practical)</li> </ul>
<b>Research Guidance</b>
<b>Publications Profile</b>
<b>Publications</b>

### **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)*, Feb 2013, Bangalore, India.
- Gupta, K. & Goel, A. *“Framework for Blog in Web Application”*, *International Conference on Advances in Computing, Communication and Control (ICAC-2013)*, Mumbai, India.
- Gupta, K. & Goel, A. *“Tagging requirements for web application”*, *5th India Software Engineering Conference (ISEC 2012)*, IIT Kanpur, India.
- 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”*, *2<sup>nd</sup> National Conference on Information Technology for Business Transformation (ITBT 2011)*, NCR, India.

### **Conference Organization/ Presentations**

#### **REFRESHER COURSE/FDP/Conference/Seminar/Workshop/ Webinar Attended**

- 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.
- Attended Webinar on “**Digital Technologies and Sustainable Innovations in Learning and Research**” organised by **National Law Institute University Bhopal and Association of Indian Law Libraries** in July 2020.
- Attended in Webinar on “**Key Pillars Of Successful Digital Transformations**” organized by **Department of Computer Science, University of Delhi** in May, 2020.
- Attended an International Webinar on “**Advertising Industry: Past, Present and Future**” organized by **ARSD College** in May 2020.
- Attended Webinar on “**Webinar on Constructive Living and Education in the times of Corona Crisis**” organized by **Shivaji College** in May 2020.
- Attended Webinar on “**Current Trends in Information Technology**” organized by **Bharti College** in May 2020.
- Attended Webinar on "**Driving digital transformation using Robotic Process Automation**" organized by **DCAC** in May 2020.
- Participated in Webinar on '**COVID-19 Impact: Strategies for education and challenges in virtual learning**' organized by **Sri Guru Gobind Singh College of Commerce** in May 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 “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)

#### 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

#### Other Activities

- Member of InspirITi, Society of Department of Computer Science, Shyam Lal College (Eve.)
  - Member, Organizing Team of various events/competitions including AGON
- Member of the team organizing various talks/workshops in the Department of Computer Science, Shyam Lal College (Evening)
- Member, different committees of annual functions like Annual Day, Sports Meet etc.



Signature of Faculty Member