

Professional Qualifications:

PhD	2012-till date	Delhi Technological University	Persuing
M.Tech(CTA)	2006-08	Delhi College Of Engg Delhi University	79.6%
B.Tech (Computer Science)	2005	Jamia Millia Islamia University	8.46/10 (Percentile)
12th	2001	CBSE Board	80.0%
10th	1999	CBSE Board	88.6%

Industrial Experience (in Years): 6 months

Teaching Experience (in Years): 11 years

HEWLETT-PACKARD – GDIC, BANGALORE

Duration: June '05 – Nov'05

Designation: **Software Engineer**

Served as Software Engineer at Infrastructure Delivery Unit as a part of the team that provides infrastructure management services to the client Syngenta.

The job profile includes application packaging for the client using tools WISE and Installshield.

INDERPRASTHA ENGINEERING COLLEGE, GHAZIABAD Duration: Nov'05 – till date

Designation: **Assistant Professor (AP2)**

Serving as Assistant professor at IPEC in the Computer Science Dept.

As a part of job I have taught following subjects:

M.Tech(Computer Science)

- 1) Operating System and DBMS
- 2) Distributed Database Management System
- 3) Computer Networks
- 4) Distributed Systems

B.Tech(Computer Science)

- 5) Operating System
- 6) Database Management System
- 7) Computer Networks
- 8) Data Mining and Warehouse

MCA

9) Client Server Systems(MCA 4th Sem)

10) Paradigm of Programming Languages(MCA 2nd Sem)

11) Programming Language(C,C++)

Academic achievements:

Publications

- Alka Singhal and Rajni Jindal, “A Targeted Advertising model for E-Business using Pragmatic Patterns and Context Ontologies” is accepted and published in the proceedings of First IEEE International Conference on the Application of Digital Information and Web Technologies (ICADIWT 2008) in Ostrava, Czech Republic, during August 4-6
- Alka Singhal and Rajni Jindal, “An Approach For Targeted Advertising In E-Business Using Pragmatic And Semantic Web Concept” is accepted and will be published in the proceedings of 1st International conference on semantic e-business and enterprise computing (SEEC2008) in Cochin, during 17-19 September
- Alka Singhal and Rajni Jindal, “Semantic Web Approach In Software Engineering”, published in the 4th International Conference on Challenges and Development in IT on 30 May 2008 in Ludhiana.
- Alka Singhal and Rajni Jindal, “An Approach For Semantic Web Concept In Elearning” In EIndia-2008".
- Rajni Jindal and Alka Singhal, “Social Networking based E-Learning System on Clouds” published by International Journal of Computer Applications[IJCA], Vol. 4, No. 18, March 2012. Digital Library URI : <http://www.ijcaonline.org/archives/volume41/number18/5645-8086> ISBN : 973-93-80867-03-7
- Rajni Jindal and Alka Singhal, “A Quality model for E-learning as a Service in cloud computing framework” published in the proceedings of International Conference on Soft Computing and Software Engineering [SCSE'13], San Francisco, California, USA. Page 81-82.
- Rajni Jindal, Alka Singhal, "A Quality Model for E-Learning as a Service in Cloud Computing Framework", International Journal of Soft Computing and Software Engineering [JSCSE], Vol. 3, No. 3, pp. 816-820, 2013, Doi: 10.7321/jscse.v3.n3.123
- Rajni Jindal and Alka Singhal, “Ontology for Learning object Metadata to enhance concept for Collaborative learning” is accepted and published in International Conference on Research and Sustainable Business 2014, IIT, Roorkee.
- Rajni Jindal and Alka Singhal, “E-learning on Clouds: A profitable and efficient Business Model" is accepted and published in 3rd International conference on Innovative Research in Engineering Science and Management (esm-16),2016 YMCA, Delhi.
- Rajni Jindal and Alka Singhal, “E-learning on Clouds: A profitable and efficient Business Model" published in International Journal of Engineering Technology Management and Applied Sciences [IJETMAS],vol.4. Issue4, 2016..
- Rajni Jindal and Alka Singhal, "Content Rich and Collaborative E-Learning System using Orchestration as Service on Clouds: UniEdu Cloud", accepted for publication for the International Journal of Convergence Computing, under INDERSCIENCE Publication.

- Jindal, Rajni, and Alka Singhal. "Learner centric and adaptive E-library based on learner feedback model." Inventive Computation Technologies (ICICT), International Conference on. Vol. 3. IEEE, 2016.
- Jindal R., Singhal A. (2017) Personalized E-library: A Recommender System Based on Learner's Feedback Model. In: Basu A., Das S., Horain P., Bhattacharya S. (eds) Intelligent Human Computer Interaction. IHCI 2016. Lecture Notes in Computer Science, vol 10127. Springer, Cham
- Rajni Jindal and Alka Singhal,"Ontology for Learning object Metadata to make contextual search in E-library." is accepted and published in SCESM 2017, scheduled on 27-28 January 2017 at Jain College of Engineering Belgaum, Near GOA, India
- Rajni Jindal and Alka Singhal,"Ontology for Learning object Metadata to make contextual search in E-library." is accepted and published in International Journal of Control Theory and Applications, volume 10 issue 19.

Book Published

“SEMANTIC WEB IN WEB ADVERTISING AND SOFTWARE ENGINEERING” by Rajni Jindal and Alka Singhal, LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstraße 99, 66123 Saarbrücken, Germany, " (ISBN 978-3-8454-0523-0)

Faculty Development Program/STTP/workshop attended:

- Attended 5 days faculty development programme entitled “Cryptography and Algebraic Coding Theory” organized by IPEC, Ghaziabad from 14th-18th March, 2017.
- Workshop on "Big Data and Ontology" on 18th September, 2015, conducted by Electrical Engg Dept IITD.
- Faculty Enablement program on Soft Skills organized by Infosys from 24-26 August, 2013, conducted at IPEC, Gzb.
- A week long Faculty Development Programme (FDP) on “Recent Trends in Big Data and Cloud Computing” during 16th – 20th December, 2013 at IGDTUW, Delhi.
- Two days Workshop on “Recent Advances in Software Engineering” (20-21, April 2012) organised by The Society of Software Engineering, DTU, Delhi.
- Advanced Workshop on "High Impact Teaching Skills" organized by Wipro Mission10X in June, 2010 at ITS, Ghaziabad.
- Workshop on "High Impact Teaching Skills" organized by Wipro Mission10X from 23 Nov to 27 Nov, 2009 at ITS, Ghaziabad.
- Three days Workshop on "latest Technologies on storage management, DB2, SOA" organised by IBM on 6th May 2008 – 8th May 2008 at UPTU Noida campus.
- Attended various technical talks and workshops organized at the college level.

Honors and Awards Received:

- Certificate of Recognition by Infosys Campus Connect for outstanding contribution during the session.

- Certificate of Excellence by IPEC for contribution as a trainer in INFOSYS Campus Connect Foundation Program Batch 2008-2012.
- Certificate of Achievement as "INNOVATIVE PRACTITIONER" by Wipro Mission10X.
- Consistently receiving high student positive feedback in the college.
- Recognized as "MOST ENTHUSIASTIC FACULTY" and "MOST FRIENDLY FACULTY" by the students.
- College Topper in first year M.Tech(CTA) in Delhi College of Engg in 2007.
- Member of Editorial Board in the Annual College magazine in Jamia Millia Islamia.
- Member of Organizing committee for the first Annual Technical cum Cultural Fest "ALGORHYTHM" under the CSI student chapter in Jamia Millia Islamia.
- Member of the organizing committee of technical fest "ENCOMIUM" under the IEEE student chapter in Jamia Millia Islamia.
- School Topper in 10th CBSE Board Examination 1999.

Supervisory support provided:

1. No. of M Tech Thesis Guided: Completed: 3

Membership of professional Societies:

ACM