



Title	Dr.	First Name	PREETI	Last Name	MARWAHA	Photograph
Designation	Assistant Professor					
Address	Acharya Narendra Dev College (University of Delhi) Govind Puri, New Delhi-19.					
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Residence						
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Email/ Web-Page	preetimarwaha@andc.du.ac.in					
Educational Qualifications						
Degree	Institution				Year	
PhD (Computer Science)	University of Delhi				2014	
M.Sc.(Comp. Sc.)	MDU, Rohtak				2005	
B.Sc(H) Physics	University of Delhi				1996	
A Level(PGDCA)	DoEACC (Govt. of India) AICTE Approved				1997	
B Level	DoEACC (Govt. of India) AICTE Approved				2001	
Administrative Assignments						

- Member-Admissions Committee (2006-08)
- Member -Editorial Committee (2006-08)
- Convener- Turing Society, Departmental Society (2007-09)
- Member-Stock verification (2008-10)
- Member-write-off committee in college (2008-10)
- Member-Admissions Committee (2008-10)
- Teacher-in-Charge-PMCS (2010-11)
- Member- Turing Society, Departmental Society(2010-11)
- Member-Admissions Committee (2010-2012)
- Teacher-in-Charge-CS (2014-16)
- AICTE approval coordinator (for B.Tech courses) (2014-16)
- Member- Turing Society, Departmental Society (2014-16)
- Co-Convener-Annual Theater Productions (ATP) (2017)
- Member-IT Committee (2016-18)
- Member-SASHAKT: Women Students Affair committee (2016-18)
- Member- Turing Society, Departmental Society(2016-18)
- Member-College Development Cell (2016-18)
- Member Academics Events committee (2018-20)
- Co-Convener-Timetable and workload Committee (2018-20)
- Member- Turing Society, Departmental Society(2018-20)
- Teacher-in-charge Computer Science (Hons.) (2022-2024)
- Member-IQAC(2021-2023)

Areas of Interest / Specialization

Temporal Enhancements of Web Services.

Subjects Taught

- Microprocessors
- Programming in Java
- Software Engineering
- Data Structures
- Operating Systems
- Programming in C++
- Multimedia
- Information Security

Research Guidance

Publications Profile

- Jauhari P., Kumar S., Mal C., Marwaha P., Preveen A. (2019) Dynamic Service Versioning: Network-Based Approach (DSV-N). In: Panigrahi B., Trivedi M., Mishra K., Tiwari S., Singh P. (eds) Smart Innovations in Communication and Computational Sciences. Advances in Intelligent Systems and Computing, Vol. 669, Springer, Singapore.
- Marwaha P., Banati H., Bedi P., 2013. *WSDL-TC: Temporal Customization of Web Services*, Journal of Network and Innovative Computing, Vol.1, No. 1, pp. 234-247.
- Marwaha P., Banati H., Bedi P., 2013. *UDDI Extensions for Temporally Customized Web Services*, In print, In the Proceedings of 1st International Conference on Computational Intelligence: Modeling, Techniques, and Applications (CIMTA-2013), Procedia Technology Journal, Elsevier.
- Marwaha P., Banati H., Bedi P., 2013. *Formalizing BPEL-TC Through π -calculus*, International Journal of Web & Semantic Technology (IJWesT) Vol.4, No.3, pp. 11-21.
- Marwaha P., Banati H., Bedi P., 2014. *BPEL-TC: Orchestration of WSDL-TC based Web Services*, In print, International Journal of Computer Information Systems and Industrial Management Applications (IJCISIM).
- Banati H., Bedi P., Marwaha P., 2012. *WSDL-Temporal : An Approach for Change Management in Web Services*, In the Proceedings of IEEE International Conference on Uncertainty Reasoning and Knowledge Engineering, Jakarta, Indonesia, pp. 44-49.
- Marwaha P., Banati H., Yadav V. K., 2012. *Web Service Based System For Frontline Demonstration of Technology In Maize*, In the Proceedings of International Conference on Agro Informatics and Precision Farming, IIIT Hyderabad, India, ISBN:978-81-8424-772-5, pp. 320-322.
- Banati H., Bedi P., Marwaha P., 2012. *WSDL-TC: Collaborative Customization of Web Services*, In the Proceedings of IEEE International Conference on Intelligent System Design and Applications (ISDA-2012), Kochi, India, pp. 692-697.
- Banati H., Bedi P., Marwaha P., 2012. *Extending BPEL for WSDL-Temporal based Web Services*, In the Proceedings of IEEE 12th International Conference on Hybrid Intelligent

Conference/ Presentations/Workshops

- Participated in Supported Blended Learning Workshop, 4-6 June, 2007, organized by University of Delhi under UK-India Education Research initiative.
- Training of Teachers in e-Learning, Department of IT, MCIT, Govt. of India and University of Delhi.13th- 24th Nov. 2006.
- Participated in workshop on Linux, FOSS and Clustering on 5-7 Jan. 2009.
- Participated in FOSS Workshop (8th August 2009)
- Participated in Training programme on Introduction to Linux platform and Open Software at Department of Computer Science, during October, 2010.
- Refresher Course in Computer Science, ASC, Sardar Patel University, Anand.
- Orientation Course from CPDHE (ILLL)
- Two week Faculty Development Programme on “Recent Advances in Research Methodology” under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Ministry of Human Resource Development (MHRD) held from 17th January 2020 to 28th January 2020 at Teaching Learning Centre, Ramanujan College, University of Delhi (DU), New Delhi.
- One Day Training Workshop on “e- Filing of ITR -1” conducted by Internal Quality Assurance Cell on 29th July, 2019 held at Acharya Narendra Dev College, University of Delhi (DU), New Delhi.
- Two Day Faculty Development Programme on “Emotional Intelligence” conducted by ICT Academy on 1st April 2019 to 2nd April 2019 at Acharya Narendra Dev College, University of Delhi (DU), New Delhi.
- One-week Faculty Development Programme on “Network Science: Foundation of Social Network Analysis” under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Ministry of Human Resource Development (MHRD) held from 3rd December 2019 to 8th December 2019 conducted by Teaching Learning Centre, Ramanujan College, University of Delhi (DU), New Delhi and held at Department of Computer Science, University of Delhi (DU), Delhi.
- One Day Faculty Development Program on “Teachers as mentors” conducted by Internal Quality Assurance Cell on 25th October, 2018 held at Acharya Narendra Dev College, University of Delhi (DU), New Delhi.
- Five-day Faculty Development Program on “Course: Java fundamentals and Programming” conducted by Oracle Academy on 30th July 2018 to 3rd August 2018.
- UGC Sponsored 3 weeks Interdisciplinary Refresher Course in Climate Change and Disaster Management (ID) from June 09, 2017 to June 30, 2017; conducted by Human Resource Development Centre, Centre for Professional Development in Higher Education (CPDHE), University of Delhi (DU), Delhi.
- Two Day Faculty Development Programme on Data Science conducted by ICT Academy, DDU College, University of Delhi.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

Association With Professional Bodies

Other Activities

- **Co-Coordinator**, Visit arranged for students of B. Sc. (H) Computer Science and B. Sc. Physical Science (CS) to National Centre for Medium Range Weather Forecasting (**NCMRWF**) on 18th September, 2017.
- **Coordinator**, Visit arranged for students of B. Sc. (H) Computer Science and B. Sc. Physical Science (CS) to Indian Agricultural Statistics Research Institute (**IASRI**) and Indian Agricultural Research Institute (**IARI**) on 11th October, 2018.
- Part of a team responsible for syllabus development of various CBCS based computer science courses offered by university of Delhi at undergraduate level