With over 14 years of dedicated academic experience, Ms. Rachna Dhaka currently serves as an Assistant Professor in the Department of Computer Science & Engineering at Gateway Institute of Engineering & Technology (GIET) in Sonepat, Haryana, India—a position held since July 2011. Ms. Rachna Dhaka holds a Bachelor of Technology (B.Tech.) in Computer Science & Engineering and a Master of Technology (M. Tech.) in Software Engineering, securing the second position as the topper in the M.Tech. program.

Her research expertise lies in Software Testing and Software Engineering, as evidenced by her numerous published research papers in esteemed international journals. These contributions cover diverse topics such as Data Clustering, Software Review Planning, and Metric Framework.

Ms. Rachna Dhaka is committed to continuous professional development, actively participating in programs such as a Faculty Development Programs and Workshops. Beyond her teaching and research roles, Ms. Rachna Dhaka has demonstrated leadership as the Head of the Department (CSE) and Dean Academic at GIET. Ms. Rachna Dhaka holds the position of Cultural Head at GIET, overseeing the organization of various cultural events, including Fests, Fresher's, and Farewell functions. Her multifaceted engagement underscores her commitment to fostering a holistic educational experience.

As an active participant in various Faculty Development Programs (FDPs) and Workshops, Ms. Rachna Dhaka continually enhances her professional skills, staying informed about the latest developments in the ever-evolving field of Computer Science & Engineering.

Linkedin Profile Link: https://www.linkedin.com/in/rachna-dhaka-a011b4182/

Email: rachna.dhaka@gateway.edu.in

Details of Research Papers Published in Refereed Journals/ Conferences

Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date

Data clustering using graph based algorithm approach	International Journal of Electronics Engineering	CS Journals	….	Vol.2,Issue 1, Page no 151-153

DOI: June 2010

Coupling and Cohesion Metrics:A Comprehensive Review	National Conference on Advances in Computational Intelligence (NCACI11)	National Conference		Page no 490-493

DOI: 2011

Software release Planning: A Comprehensive Review	National Conference on Advances in Computational Intelligence (NCACI11))	National Conference		Page no 500-504

DOI: 2011

Metric framework A Comprehensive Review	International Journal of software Engineering & Technology	CIIT		Vol.3, No 7, Page no 311-316

DOI: July 2011

A Review Paper on Travelling Salesman Problem	International Journal of Innovations & Advancement in Computer Science	IJIACS		Volume 5, Issue 6,page no 94-97

DOI: June 2016

A review on prediction of cardiovascular disease using retinal fundus scan and Machine learning	2nd Multi-disciplinary National Conference	National Conference		1st & 2nd Dec
DOI: Dec 2023				

List of FDPs Attended

Sr. No.	Name of the FDP	Duration	Date	Place	Organized By
1.	Moral values, Ethics & Behavioral Science	7 Days	05 & 06 Oct, 2018	GIET	ICT Academy
2.	Moral values, Ethics, Behavioral Science & Attitude	2 Weeks	18 Dec 2017 to 29 Dec 2017	GIET	AICTE & GIET
3.	Teaching Techniques	2 Days	05 & 06 Oct, 2018	GIET	ICT Academy
4.	Internet of Things	1 Day	1-6-2021 To 5-06-2021	Online	AICTE ATAL
5.	Research Methodology and Research Ethics	5 Days	30-01-2023 To 03-02-2023	Online	IMS Ghaziabad
6.	Life Skills Management, Developing Consciousness	5 Day	06-02-2023 To 15-02-2023	DCRUST	AICTE ATAL
7.	Data Analytics & Cloud Computing using Microsoft Azure	5 Days	03-10-2023 To 07-10-2023	Online	AICTE-ATAL, EY