



Maharaja Surajmal Institute

Affiliated to GGSIP University & NAAC 'A' grade accredited.

Rated as Category 'A+' by SFRC & 'A' by JAC Govt. of NCT of Delhi

Recognised U/s 2(f) of UGC Act

Faculty Profile

1. **Name of Faculty:** Mrs. Usha Chhillar
2. **Date of Joining:** September 2024
3. **Present Position:** Assistant Professor
4. **Department:** BCA(E)
5. **Email ID:** usha.chhillar@gmail.com
6. **Profile:**

Your profile (glorify your work)

Mrs. Usha Chhillar is a passionate academican with over 10.5 years of experience as an Assistant Professor and 1.5 years of industry exposure as a Software Developer. Her teaching expertise lies in Data Structures, C/C++, Java, Digital Systems, Computer Architecture, and .NET technologies. She is UGC-NET and HTET (PGT) qualified and holds an MCA and B.Ed. She has contributed to various national and international journals and conferences, with research interest in Machine Learning, Quantum Computing, and IoT. She is also proficient in developing academic and business solutions in .NET environments.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	Master of Computer Applications (MCA)	Maharshi Dayanand University, Rohtak	2006
2.	Bachelor of Commerce (B.Com)	Maharshi Dayanand University, Rohtak	2003
3	Bachelor of Education (B.Ed)	Maharshi Dayanand University, Rohtak	2013

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1	Sept 2024	Present	Maharaja Surajmal Institute, Delhi	Assistant Professor	Ongoing
2	Sept 2023	May 2024	Maharaja Surajmal Institute, Delhi	Assistant Professor	0.75
3	Sept 2022	Sept 2023	IITM, Janakpuri, Delhi	Assistant Professor	1.0
4	April 2022	June 2022	IITM, Janakpuri, Delhi (Visiting)	Assistant Professor	0.25
5	Aug 2013	June 2019	VAKITM, Bahadurgarh	Assistant Professor	6.0
6	Sept 2009	June 2012	VAKITM, Bahadurgarh	Assistant Professor	3.0
7	May 2007	Oct 2008	Alle Technologies Pvt. Ltd., Noida	Software Developer	1.5

9. Research Papers in National and International Journals

S No.	Title of Paper (Vol and Page No.)	Name of Journal	National/ International	SCI/ SSCI/ SCOPUS/ UGC Care	SCIE/ ESCI/ UGC	Year of Publication	Impact Factor	No. of Citations
	Optimizing Business Solution Through Machine Learning	Int'l Journal of Research Publications and Reviews	International	UGC Care		2025		
	Artificial Intelligent Emerging Trends	COHERENCE	National	Peer-reviewed		2017		
	Mobile-Commerce & New Trends in M-Commerce Industry	SAMANUBHUTI	International	Peer-reviewed		2015		

10. Research Papers presented / Published as full paper in Conferences/ Seminars:

S No.	Title of Paper	Name of Conferences/ Seminars	National/ International	Name of Host Institution	Year
	Marketing Automation and AI	Sustainable Business Management Innovation & Technology	International	Maharaja Surajmal Institute	2025
	A Review on Advancement of Quantum Computing in Swarm Robotics	Revisiting Management & Business Practices in Dynamic Era	International	IITM, Janakpuri	2023
	Internet of Things (IoT) with Big Data Analytics	Emerging Trends in Smart Computing (ETSC-19)	National	MDU, Rohtak	2019
	Artificial Intelligent Emerging Trends	Role of CS & Mathematics in Real World	National	DAV College for Girls, Yamunanagar	2017

11. Books and Journals Published/Edited:

S No.	Title of Book/Journal	Publisher	National/ International	Volume and Issue no. (in case of journal)	Year of Publication

12. Book Chapters in National and International Books

S No.	Title of Chapter (Page No.)	Name of Book	National/ International	Year of Publication

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13. Patent / Copyright :

S No.	Title of Patent/Copyright	Applicants	Patent /copyright number and Year

14. Sponsored Project/Consultancy :

S No.	Title of Project/Consultancy	Applicants	Sanctioned Amount	Sponsoring Agency	Duration of the project specifying the date of sanctioning

15. Research Scholars (M.Tech/ M.Phil/Ph.D. Thesis Supervised) : None

S. No.	Full Name of the student	Title of Thesis	Name of the host University	Year of Awarded	Supervisor/ Co-supervisor

16. Membership of Professional Bodies : None

S No.	Name of the Professional Body	Member/Fellow (Membership No.)	Remarks