



# 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:** Dr. Pooja Singh
2. **Date of Joining:** 1<sup>st</sup> August 2008
3. **Present Position:** Associate Professor
4. **Department:** BCA (M)
5. **Email ID:** [poojasingh@msijanakupuri.com](mailto:poojasingh@msijanakupuri.com)
6. **Profile:**

### Your profile (glorify your work)

**Dr. Pooja Singh** is working as an Associate Professor in Maharaja Surajmal Institute, Delhi. She has more than 18 years of extensive experience in teaching. She is BIS (H) and MCA (SE), from Guru Gobind Singh Indraprastha University, Delhi. She is Ph.D in Computer Science from Noida International University, Greater Noida. She has published more than 30 research papers in reputed journals and International/National conferences. She has been awarded with the Netaji Subhash Chandra Bose Memorial Award by the Commission for Other Backward Classes, Govt. of NCT of Delhi. She has been a keen researcher throughout the career which includes the authorship of three books and has been the session chair and reviewer of the papers in leading Journals and International conferences. She is involved with various social service activities as well and as a result engaged in consultancy projects for social cause. She has one published patent, in the field of Computer Science.

### 7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	B.I.S(H)	Maharaja Surajmal Institute, New Delhi Guru Gobind Singh Indraprastha University, New Delhi	2003
2.	MCA(SE)	University School of Information Technology Guru Gobind Singh Indraprastha University, New Delhi	2005
3	PhD	Noida International University, Greater Noida	2019

### 8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1	May 2023	Till Date	Maharaja Surajmal Institute, Janak Puri, New Delhi	Associate Professor	1 yr
2	August 2008	May 2023	Maharaja Surajmal Institute,	Assistant Professor	

			Janak Puri, New Delhi		14+ years
3	August 2005	July 2008	Apeejay School of Management, Dwarka, New Delhi	Lecturer Training & Placement Officer	3 years

### 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/ Care	SCIE/ ESCI/ UGC	Year of Publication	Impact Factor	No. of Citations
1	Metaheuristic Algorithms for Optimization: A Brief Review, Vol 59(1): 238	Engineering Proceedings ISSN: 2673 – 4591	International	Scopus Indexed		2024		
2	A Case Study on HR Analytics Employee Attrition using Predictive Analytics, Vol 13(5)	European Economic Letters ISSN: 2323-5233	International	ABDC Journal		Nov 2023		
3	A Study on Consumer Perception Towards Affiliate Marketing for E-Commerce: Awareness and Analysis: A Case Study of Delhi”, Vol 5(1), pp: 45-48.	Parichay Maharaja Surajmal Institute of Applied Research e-ISSN: 2581-7515	National			Jan-June 2022		
4	“Statistical Analysis of Primary Health Conditions of Lower Income Population – Special Reference to Delhi NCR”, Vol 6(S4), pp: 6798-6808.	International Journal of Health Sciences e-ISSN: 2550-696X	International	Scopus Indexed		June 2022	0.233	
5	“Strengthening of Primary Health Care: Conceptual Development of Community Health Model for Lower Income Group of Delhi & NCR, Vol13 (1), pp: 121-128.	Journal of Algebraic Statistics ISSN: 1309-3452	International	ESCI		May 2022	0.21	
6	Political Sentiment Analysis Using	International Journal of Human	International	UGC Care		February 2022	4.7	

	Twitter Data During General Elections India.”, NIU Group-I Volume 9, February (I) 2022. PP: 45 -52.	Rights, ISSN: 2394 – 0298					
7	Covid-19: Impact and Recovery of The Global Economy”, Volume.51 (2),.Pp: 203 – 209.	Anvesak, Sardar Patel Institute of Economic and social research, Journal ISSN: 0378 – 4568,	International	UGC Care Group-I	July-Dec 2021	6.20	
8	Data Analysis of The Government Healthcare Schemes Aailed by The Lower Income Population: A Case Study of Delhi, Volume.18 (8). PP: 3817-3823.	Palarch’s Journal of Archaeology of Egypt/Egyptology, ISSN No: 1567-214X,	International		2021		
9	Immunization: Awareness and Analysis: Special Reference To Capital State of Delhi, Volume.18 (2), PP: 857-865.	Palarch’s Journal of Archaeology of Egypt/Egyptology, ISSN No: 1567-214X,	International		2021		
10	Impact of Information Technology in Higher Education.” Volume.11 (2), , pp: 18-28	Vimarsh: A Bi-Annual Journal, IFTM University, Moradabad, ISSN: 0976-5174,	International	Peer reviewed	July-December 2020		
11	Prediction Analysis of the Primary Health Conditions of the lower Strata Community using Machine Learning” Vol(8), Issue(1)	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277 – 3878	International	Scopus	May-2019	5.92	
12	Recognition of Hospital Preference of People of India: A Computer Based Review	International Journal of Computer Science and Information Technologies	International	Peer reviewed	Sept– Oct 2018	2.28	

	analysis. Vol. 9 (5), pp: 115-118.	(IJCSIT) ISSN: 0975- 9646					
13	Primary Healthcare of the Poor in Delhi – An Analytical Study.  pp: 67 – 73.	International Journal of Engineering and Science Research (IJESR), Special issue , ISSN: 2277 – 2685, Article No- 13,	International	Peer reviewed	2018		
14	Empirical Study Of Healthcare Indicators - A Case Study Of Delhi.  pp: 398 - 404.	International Journal of Engineering and Science Research (IJESR), in ISSN: 2277 – 2685, Article No – 63	International	Peer reviewed	January 2018		
15	“Data Analysis Of Health Conditions Of Lower Strata Of Delhi’s Population” Vol 7(9), ISSN: 2231 – 4245, pp: 55 – 63	International Journal of Research in Commerce Economics and Management (IJRCM)		Peer reviewed	Sept 2017		
16	Impact of Goods and Services Tax Bill on the Indian Economy, Vol 11(7), pp: 65 - 78.	Indian Journal of Finance ISSN: 0973 – 8711,	International	Scopus Indexed	July 2017	0.831	
17	Life Insurance Products in India,  Vol 5(12), (Online): pp: 78 - 83.	International Journal of Business and Management Invention (IJBMI) ISSN 2319 – 8028 (Print): 2319 – 801X,	International	Peer reviewed	Dec 2016	4.72	
18	DEA Model: A Key Technology for the Future, Vol 5(12), pp: 30-33.	International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726	International	Peer reviewed	Dec 2016	5.962	
19	mHealth: Meaning,	International Journal of	International	Peer reviewed	Sept – Oct 2016	2.28	

	Purpose and Outcomes, Vol 7(5), pp: 2216 - 2221.	Computer Science and Information Technologies (IJCSIT) ISSN No 0975-9646,					
20	Youth Commission: The Need for Young Independent India Vol 1(2), pp: 07 -12.	International Journal of latest Technology in Engineering & management (IJLTEM) ISSN No 2456-1770	International	Peer reviewed	July 2016		
21	Swachch Bharat – A Road map ahead Clean India, Vol 1(4), pp: 77 - 83.	International Journal of latest Engineering Research & Application (IJLERA) ISSN No 2455-7137	International	Peer reviewed	July 2016	2.105	

#### 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
1	Issues And Challenges In Implementation Of Jal Jeevan Mission And Best Practices Adopted For Water Resource Sustainability In Hilly Region Of Uttarakhand	6th International Conference On Innovative Computing And Communication (ICICC- 2023)	International	Shaheed Sukhdev College Of Business Studies, University Of Delhi, New Delhi In Association With National Institute Of Technology, Patna & University Of Valladolid Spain	2023
2	Generation of power system using renewable resources for sustainable development leading upcoming technologies: an analysis,  IEEE. ISBN: 978-1-6654-9294-2/23/\$31.00 2  DOI: 10.1109/OTCON56053.2023.10114001	International Conference: OPJU International Technology Conference on Emerging Technologies for Sustainable Development	International	OP Jindal University Raigarh, India to be held during	8 <sup>th</sup> – 10 <sup>th</sup> Feb 2023

3	Regression Testing Approaches, Tools and Applications in Various Environments	4 <sup>th</sup> International Conference on Artificial Intelligence and Speech Technology (AIST-2022) by IEEE Xplore ISBN: 978-1-6654-9902-6/22/\$31.00, DOI: 10.1109/AIST55798.2022.10064753,	International	Indira Gandhi Delhi Technical University for Women (IGDTUW), New Delhi.	9 <sup>th</sup> – 10 <sup>th</sup> December 2022
4	A Study On Financial Planning And Investment Behaviour Of Individual Investors: Awareness And Analysis: Special Reference To Delhi NCR	International Conference on “Economic & Social Perspective of New Normal through Hybrid Work Models”, ISBN: 978–81–7852–225–8.	International	Maharaja Surajmal Institute, New Delhi.	29 <sup>th</sup> – 30 <sup>th</sup> July 2022
5	Techniques and Tools of Regression testing	3 <sup>rd</sup> International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE-2022)	International	University of Technology Sydney (UTS), Pandit Deendayal Energy University (PDEU), Universidad Autónoma de Baja California (UABC), Mexico, Universidad Católica de la Santísima Concepción (UCSC), Chile, Forum for Interdisciplinar y Mathematics (FIM) and Victoria University, Melbourne, Australia	4 <sup>th</sup> – 6 <sup>th</sup> March, 2022
6	Health Policies, a stumbling block?	International E- Conference on “Managing in the Digital Age”	International	University School Of Management Studies”, Guru Gobind Singh Indraprastha University, New Delhi.	26 <sup>th</sup> March , 2021
7	Impact of Information Technology in Higher Education”	International E- Conference 2020: Women Empowerment in The World: - Various Sectors	International	School of Engineering and Technology, CT University”	26 <sup>th</sup> – 27 <sup>th</sup> December 2020

				in association with Tradepreneur Global Academic Platform Southampton, England (UK)	
8	“Big Data: An option or necessity”	11 <sup>th</sup> International Conference on “Global Business and Innovative Management: Challenges and issue”	International	Tecnia Institute of Advanced Studies, New Delhi	15 <sup>th</sup> April 2017
9	Carbon Trading- Business in Environment”	International Conference on “Management of Environmental Risks and Uncertainties in the Contemporaneous Business Milieu”		Maharaja Surajmal Institute	March 12, 2011.

### 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
1	“Innovative Trends in Information Processing & Management ”, NCITIPM2K 14 Technically sponsored by Computer Society of India (CSI)	Excellent Publishing House, New Delhi	National	ISBN: 978-93-83083-54-	2014
2	Business Economics Micro	JSR Publishing House LLP, New Delhi-110046	National	ISBN No: 978-81-933980-5-0	2018
3	Information Systems Management	I.K. International Publishing House, Pvt. Ltd., New Delhi-110002	International	Distributed by Wiley. ISBN No: 9789389583069	2018
4	Entrepreneurship Development	JSR Publishing House LLP, New Delhi-110046.	National	ISBN: 978-93-94336-18-6.	2023

### 12. Book Chapters in National and International Books

S No.	Title of Chapter (Page No.)	Name of Book	National/ International	Year of Publication
1	Opportunities And Challenges Faced By Professional Coaching Institutes During Online Mode” in the book titled “	Facing The Future Through Hybrid Platforms” published by All Clear Publications, New Delhi. ISBN no- 978-81-7852-226-5	National	2022

### 13. Patent / Copyright :

S No.	Title of Patent/Copyright	Applicants	Patent /copyright number and Year
1	“A SYSTEM & METHOD FOR SMART AGRICULTURE THROUGH IOT PARAPHERNALIA BASED ON ML”	Ms.Deepshikha Yadav Dr.Suman Mann Dr.Puneet Kumar Dr.Neeraj Jain Ms.Minakshi Dr.Seema Shokeen Dr.Pooja Singh Ms.Khushbhoo Dr.Amit Kumar Dr.Neeraj Mr.Zatin Gupta	202211020356 and Publication No: 16/2022 22 <sup>nd</sup> April 2022

### 14. Sponsored Project/Consultancy :

S No.	Title of Project/Consultancy	Applicants	Sanctioned Amount	Sponsoring Agency	Duration of the project specifying the date of sanctioning
1	Sewing Machine and Fashion Designing Course	Dr.Seema Shokeen Dr.Pooja Singh		Under the flagship of PMKVY, funded by Rotary Club of Gurgaon, Civil Lines.	Ongoing Project, commenced from 4th April 2022
2	Promoting and creating awareness for taking the Covid-19 vaccination during the wee hours of Covid-19 pandemic	Dr.Seema Shokeen Dr.Pooja Singh		Funded by Rotary Club of Gurgaon, Civil Lines.	2021

### 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



