



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:** Ravinder Singh
2. **Date of Joining:** 302031011
3. **Present Position:** Asstt. Prof.
4. **Department:** Computer Applications
5. **Email ID:** ravindersingh@msijanakpuri.com
6. **Profile:**

Your profile (glorify your work)

Mr. Ravinder Singh received his BSc.(Electronics) Degree from M.D.University , his Master degree in Electronics Science from KUK University Masters of Computer Applications from GJU Hisar and M.Phill(Computer Science) from CDLU Sirsa, Haryana. Currently he is working in the Department of Computer Science, MSI, and Affiliated to GGS Indraprastha University. He has more than 21 years of teaching experience. He has published more than 24 research papers in reputed International and National Journals and conferences including IEEE, Elsevier and Springer. Her main area of research includes Soft Computing, AI, ML and Deep learning, Password security and privacy, data Analysis and IOT.

He has presented Many research papers in many International Conferences at **Singapore, Dubai, Malaysia and Ukraine**. He has made an impact in the lives of the students and contributed in educational field to make surroundings a better place to learn by adopting latest innovations or best global practices.

With her extraordinary teaching method, He helped in motivating and shaping the career interests of students in different fields related to computer science like soft computing, Big data Analysis, AI / ML.

He has also guided and helped students with recommendations for getting admission in foreign universities for higher studies. More than 20 students of BCA has been settled abroad with my guidance and motivation.

He is all-rounder in terms of imparting quality education, uplifting student's performance, setting teaching standards, adopting innovative teaching technology, and working towards enhancing Institute name and reputation.

7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	<u>Ph.D.(Pursuing)</u>	<u>Drividian University, Kuppam, A.P</u>	
2.	<u>M.Phili(Computer science)</u>	<u>CDLU, Sirsa</u>	<u>2010</u>
3.	MCA	GJU, Hisar	2004
4.	M.Sc. Electronics	Kuk, Kurukshetra	1997
5.	B.Sc. Electronics	MDU, Rohtak	1994

8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1	July 1999	Feb. 2000	AIJHM College Rohtak	Lecturer	One session
2	Aug 2000	June 2005	University College	Lecturer (Deptt of information Sc. And Technology)	5 years
3	Nov 2005	May 2006	AIJHM College Rohtak	Lecture(PG Dept. of Computer Science)	One session
4	June 1999	May,2008	IGNOU(1005)	Counselor	8 years
5	Aug 2008	Dec,2012	IGNOU(0762)	Counselor	4 years
6	Aug 2007	Till Date	Maharaja Surajmal Institute	Asstt. Prof.	14+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.	Crowd detection for social distancing in smart cities of developing countries amidst covid-19 outbreak	https://ijrcs.org/wp-content/uploads/IJRCS202006005.pdf	International	No, Peer Reviewed, Referred Indexed International Journal	Peer	Peer Reviewed, Referred, Indexed International Journal	5.245	
2	International Journal of Research culture society	https://ijrcs.org/wp-content/uploads/IJRCS202005022.pdf	International	No, Peer Reviewed, Referred Indexed International Journal	Peer	Peer Reviewed, Referred, Indexed International Journal	5.245	
3	Review and updated features of Android App, 'Book-ey-Istan: Buy and sell used books	Bodhi international journal	International	No, Peer Reviewed, Referred Indexed International Journal	Peer	Peer-Reviewed, Refereed journal at Malaysia	2.135	
4	DEVANAGARI CHARACTERS AND NUMERALS RECOGNITION USING MULTI-REGION ULBP	International Journal of Management, IT & Engineering,	International	UGC Approved		UGC Approved	7.119	
5	DEVANAGARI Handwritten NUMERALS RECOGNITION USING Combinational Classifier	International Journal of Management, IT & Engineering,	International	UGC Approved		UGC Approved	7.119	
6	Description of a new scheme	www.IJIRMF.com	International	Peer-Reviewed, Refereed journal		Peer-Reviewed,	6.71	

	for generation & recovery of strong passwords (Pass-Gen)				Refereed journal		
7	Comparative Study of Image Steganography using LSB, HideSeek and BPSC	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	international	Peer-Reviewed, Refereed journal		6.719	

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	Review and updated features of Android App, 'Book-ey-Istan: Buy and sell used books	1st Bodhi International Conference	International	The Universiti Putra Malaysia (UPM) at Malaysia .	Aug,2019
2	Description of a new scheme for generation & recovery of strong passwords (Pass-Gen)	International conference on “ Business Process Re-engineering for sustainability and climate change: Issues and Perspective”	International	Convention Center, JNU, Delhi	Feb,2017
3	Energy Efficient Memory Design Using Low Voltage Complementary Metal Oxide Semiconductor on 28nm FPGA	International Conference on Green Computing and Engineering Technology, ICGCET2015, Dubai	International	Dubai	25-26July 2015
4	Performance evaluation of MLP and RBF Feed Forward Neural Network for Recognition of Off-Line Handwritten characters	ICDIP2010. Singapore	International	Singapore	2010
5	Smart Cities: Intelligence, Framework and Machine Learning Algorithm	NIC'2021, North Cap University	International	Gurugram	2021

6	Comparative study of Image steganography using LSB, Hide-seek, BPSC	International Conference of Science, Engineering and Technology Innovation,	International	Bangkok, Thailand	July,21
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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

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

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16. Membership of Professional Bodies : None

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