



# 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:** Minal Dhankar
2. **Date of Joining:** 4<sup>th</sup> August, 2011
3. **Present Position:** Assistant Professor
4. **Department:** Computer Applications
5. **Email ID:** minaldhankar@msijanakpuri.com
6. **Profile:**

### Your profile (glorify your work)

A Dedicated and talented Assistant Professor who has brilliant teaching skills developed over 11 years in teaching computer science-related subjects and concepts such as Programming languages, Computer Networks, Computer Architecture, Digital electronics etc. Has excellent communication skills and rapport building with students which make learning easier for them. Has the ability to resolve subject related student issues through diagnostic and practical approach. A committed faculty member coordinates amicably with seniors and colleagues in order to develop & support a new program which enhances the educational offerings by the Institution.

### 7. Educational Qualification:

S No.	Degree (graduation onwards)	College and/ or University	Year
1.	Ph.D. CA (Pursuing)	MRIIRS, Faridabad	2021
2.	MCA	Guru Jambheshwar University of Science and Technology	2010
3.	BCA	Kurukshetra University	2007
4.	12 <sup>th</sup>	CBSE Board	2004
5.	10 <sup>th</sup>	CBSE Board	2002

### 8. Employment Record (Latest First)

S No.	From [Month & Year]	To [Month & Year]	Employer Name	Positions Held	No of Years
1.	January 2012	Till date	Maharaja Surajmal Institute	Assistant Professor	8 year and 10 months
2.	Aug 2011	Dec 2011	Maharaja Surajmal Institute	Assistant Professor	5 months
3.	Aug 2010	April 2011	CRM Jat College, Hisar	Lecturer	9 months

**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
1.	Delivering High Performance Result with Efficient use of K-Map (Vol.9 & pp. 307-12)	International Journal of Control and Automation	International	Scopus		2016		
2.	Implementation of temperature sensor for LVCMOS 25 using Virtex 6 FPGA (Vol. 1 and pp. 6-12)	Gynacity Journal of Electronics and Computer Science	International	Scopus		2016		
3.	HSTL IO Standard Based Energy Efficient FIR Filter Design on 28 nm FPGA (Vol.8 and pp. 47-54)	International Journal of Control and Automation	International	Scopus		2015		
4	Future perspective and Current Aspects of Internet of Things Enable Design (Vol. 9 and pp. 127-32)	International Journal of Software Engineering and its Applications	International	Scopus		2015		
5	Energy Efficient Design using Low Voltage Complementary Metal Oxide Semiconductor on 28 nm FPGA (Vol. 8 and pp. 1-6)	Indian Journal of Science and Technology	Indian	UGC listed		2015		
6.	Network Security- Authentication Methods and	IITM Journal of Management and IT	Indian			2015		

	Firewall (Vol. 6 and pp. 73-79)						
7.	High Performance Surveillance and Operating Robot with Raspberry Pi (Vol.8 and pp. 407-14)	International Journal of Control and Automation	International	Scopus	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
1.	The Post Pandemic Future of Work & the Global Solutions Initiative	Resurgence of Economies Globally Post Pandemic: Issues & Challenges	International	Maharaja Surajmal Institute	2021
2.	Exploring Business Trends to Adapt new Reality	Resurgence of Economies Globally Post Pandemic: Issues & Challenges	International	Maharaja Surajmal Institute	
3.	A Critical Review of Data Warehouse Development: Business-Object based Approach	Emerging Trends in Big Data, IoT and Cyber Security	National	Maharaja Surajmal Institute	2020
4.	An introduction to Artificial Intelligence	Emerging Trends in Big Data, IoT and Cyber Security	National	Maharaja Surajmal Institute	2020
5.	Quality Affirmation in Advanced Education: A Survey of Literature	Quality Assurance in Higher Education: Practices and Issues	National	Maharaja Surajmal Institute	2019
6.	Indian Education System: Challenges and Solutions	Quality Assurance in Higher Education: Practices and Issues	National	Maharaja Surajmal Institute	2019
7.	A Systematic Study on Software Product Line Engineering-Future Research Directions	India's Yes to Mega Reforms: Issues, Challenges and Implications	National	Maharaja Surajmal Institute	2019
8.	Cyber Warfare: Terms, Issues,	Paradigm Shift from Developing to Developed	National	Maharaja Surajmal Institute	2017

	<b>Laws and Controversies</b>	<b>India through Digitization</b>			
9.	<b>Inter digital transducer modelling through Mason equivalent circuit model: Design and simulation</b>	<b>Computing for Sustainable Global Development</b>	<b>International</b>	<b>BVICAM</b>	<b>2016</b>
10.	<b>Encryption Techniques: A Comparative Analysis</b>	<b>Innovations in IT, Management and Education</b>	<b>National</b>	<b>Maharaja Surajmal Institute</b>	<b>2015</b>
11.	<b>Data Clustering Techniques for Quality Enhancement: Implementation using K-Mean Analysis</b>	<b>Innovations in IT, Management and Education</b>	<b>National</b>	<b>Maharaja Surajmal Institute</b>	<b>2015</b>
12.	<b>Brain Fingerprinting</b>	<b>Innovative trends in Information, Processing and Management</b>	<b>National</b>	<b>Maharaja Surajmal Institute</b>	<b>2013</b>
13.	<b>Software Product Lines; An Experimental Study</b>	<b>Innovative trends in Information, Processing and Management</b>	<b>National</b>	<b>Maharaja Surajmal Institute</b>	<b>2013</b>
14.	<b>Multimodal Authentication System using Artificial Neural network</b>	<b>Current Scenario and Emerging Trends in IT</b>	<b>National</b>	<b>Maharaja Surajmal institute</b>	<b>2013</b>
15.	<b>Concept of Data Clustering Techniques</b>	<b>Managing Innovations and Talent in Highly Competitive Global Business Environment</b>	<b>International</b>	<b>Maharaja Surajmal Institute</b>	<b>2013</b>