


Title	Ms.	First Name	Sakshi Taaresh	Last Name	Khanna	Photograph
Designation		ASSISTANT PROFESSOR				
Address		CD BLOCK, HOUSE NO-201, PITAM PURA, DELHI – 110034				
Phone No Office						
Residence Mobile		011-42455045 9953245840				
Email Alternate Email		sakshisahni.du@gmail.com / sakshikhanna@rla.du.ac.in				
Educational Qualifications						
Degree		Institution			Year	
B.Sc. (Hons.) Computer Science		Delhi University			2006	
M.C.A.		Guru Gobind Singh Indraprastha University			2009	
Career Profile						
<ul style="list-style-type: none"> Working as Assistant Professor in the Department of Computer Science Ram Lal Anand College, University of Delhi since January 2011. Worked as IT Consultant in Fujitsu Consulting India for 1 year and handled a critical module single handedly. 						
Administrative Assignments						
<ul style="list-style-type: none"> Prepared Timetable for the Department of Computer Science many times. Prepared Examination duty chart for the entire College. Worked as a coordinator for three days Faculty Development Program on “Stress Management” organized by Department of Computer Science RLA in association with ICT Academy from 30th Jan – 1st Feb 2020. Worked as a coordinator for one week Faculty Development Program on “Salesforce Fundamentals for Business Administration Specialists” organized by Department of Computer Science RLA in association with ICT Academy from 9th Dec – 14th Dec 2019. Member of organizing committee for organizing a workshop on Virtual Labs in association with VLabs IIT Delhi on 3rd October 2019. Member of Organizing committee for organizing Seminar on “Latest Trends in Blockchain Technology “ organized by Department of Computer Science RLA on 26th September 2019. Member of organizing committee for one week certificate course on “Cyber Forensics” organized by Department of Computer Science RLA in association with Innovians Technologies held on 27th May – 31st May 2019. Member of Organizing committee for organizing a National Seminar on “Ethical Hacking” organized by Department of Computer Science RLA on 7th March 2019. Member of Organizing committee for Organizing a one Day Workshop on “Machine Learning “ organized by Department of Computer Science RLA on 20th Feb 2019. Member of Organizing committee for Two Days Faculty Development Program on “Emotional Intelligence” organized by Department of Computer Science RLA from 4th Jan – 						

5th Jan 2019.

- Member of Organizing committee for National Seminar on “ Synchronization of Devices using Cloud” organized by Department of Computer Science RLA on 21st Feb 2018.
- Member of Admission Committee for B.Sc.(H) Computer Science : 2020-21,2019-20,2018-19, 2017-18,2016-17
- Member of Other Staff Council Committees:
2012-13:- Arts & Culture Society, NSS
2013-14:- Anti ragging/ Discipline Committee, Arts & Culture Society, Convener Subject Committee, NSS, Co-convener ICT Committee
2014-15:- NSS, Co-convener ICT Committee, Laptop Committee, Election Discipline Committee
2015-16:- Samdrishti, Laptop Committee
2016-17:- Career counseling & Placement cell, Function Committee
2017-18:- Alumni Committee, Career Counseling & Placement cell, Function Committee, Samdrishti & Srijan
2018-19:- Debating & Quiz Society (English) , Student Union Advisory Committee
2019-20:- Convener Subject Committee, SPIC MACAY Committee

Areas of Interest / Specialization

Algorithms, Computer Graphics, Computer System Architecture, Operating System and Computer Networks, Trust and Reputation Systems.

Subjects Taught

Subjects to Under Graduate Course: B.Sc. (Hons.) Computer Science

Design & Analysis of Algorithms, Computer Graphics, Computer System Architecture, Operating System, Computer Networks, Data Structures, Programming in C++, System programming

Subjects to Under Graduate Course: B.Tech. Computer Science

System Programming, Data Communication & Computer Networks

Subjects to Under Graduate Course: B.A. Program Computer Applications

Database Management System, Python Programming, Computer Fundamentals

Publications Profile

Books

1. Computer Fundamentals, Publication details:- Wisdom publication ISBN :- 9789381505205
2. Computer Applications in Management, Publication details:- Wisdom publication ISBN:- 9789381505052

Research Papers

1. Dexterity of quantum computation and quantum information processing: A contemporary Annex, IJRAR, e-ISSN: 2348-1269, p-ISSN: 2349-5138, Vol 7, Issue 2, May 2020, Paper Id: IJRAR19L1549, DOI: <http://doi.one/10.1729/Journal.23698>
2. Laser Technology Improving Wireless Communications: A comprehensive study on Laser Communicator, IOSR-JCE, e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 19, Issue 4, Ver. II (Jul.-Aug. 2017), PP 26-33.
3. Millennium of Virtual Reality in e-Commerce: Proposed Virtual Environment and Prototype, IJCTA, July-August 2017, Vol 8(4), 467-474.ISSN: 2229-6093.

Awards and Distinctions
<ul style="list-style-type: none"> • UGC NET in Computer Science and Applications, June 2009, Certificate No. A090979. • Distinction in Master of Computer Application • Certificate of Appreciation for Top Performing Mentor for the course Design and Analysis of Algorithms, Jan-April 2019. • Certificate of Merit for Online Article Writing Competition and winning 3rd Prize, awarded by WE NGO in 2012.
Association with Professional Bodies
<ul style="list-style-type: none"> • Member of Association of Computing Machinery • Lifetime member of Computer Society of India.
Courses / FDP / Workshops Attended
<ol style="list-style-type: none"> 1. Certificate of completion of a course on “Machine Learning with Python” by IBM, Coursera. 2. Certificate of completion of a course on “ Deep Learning Onramp” by MathWorks. 3. Certificate of completion of a course on “ Machine Learning Onramp” by MathWorks. 4. Certificate of completion of a course on “Programming for everybody: Getting Started with Python” by University of Michigan, Coursera. 5. Completed a 4 weeks MOOC on Cooperative Learning Pedagogy started from 22 May 2020 to 22 June 2020. 6. Attended 5 days Virtual Faculty Development Program on “Teaching Techniques with Gamification” organized by ICT Academy from 14 May – 19 May 2020. 7. Attended two days workshop on “COVID-19 Android App Development” organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee from 11th May – 12th May 2020. 8. Attended International e-conference on “Innovation Infrastructure Development in India: Issues, Challenges and Way Forward” organized by Innovation Society India in association with Amity College Florida, IARS, Team -NIC, WAIMS, Business Press India on 8th May 2020. 9. Attended one week (9 hours) Faculty Development Program on “Fundamentals of Machine Learning” organized by ICT Academy from 6th May – 12th May 2020. 10. Attended two days workshop on “Python with COVID-19 Data Web Scraping and MySQL” organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee from 2nd May – 3rd May 2020. 11. Attended two days workshop on ML & AI Using Covid-19 Virus Data Analysis organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee from 29th April – 30th April 2020. 12. Attended 2 days Faculty Development Program on “Emotional Intelligence” organized by Department of Computer Science, Ram Lal Anand College, University of Delhi from 4th Jan – 5th Jan 2019. 13. Attended 1 week Faculty Development Program on “HADOOP (HOROTONWORKS)” organized by Department of Computer Science, Ram Lal Anand College, University of Delhi from 21st May – 25th May 2018. 14. Attended 2 days Faculty Development Program on “Introduction of Internet of Things” conducted by ICT Academy at Rajdhani College, University of Delhi from 29th Jan – 30th Jan 2018. 15. Attended 1 week Faculty Development Program on “Data Science and Big Data Analytics” conducted by ICT Academy at HMR Institute of Technology and Management, New Delhi from 27th Nov – 1st Dec 2017. 16. Attended a short term course on “Information Security and Digital Forensics” (ISDF-2017) organized by Division of Information Technology, NSIT from 5th June – 9th June 2017. 17. Attended a National Seminar on “Advances in Big Data: Issues & Challenges” organized by Gitarattan International Business School on 16th October 2015. 18. Attended a National Seminar on “Cyber Security” organized by Gitarattan International Business School on 1st Feb 2012.