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| Title | Ms. | Name | **Sakshi Taaresh Khanna** | Photograph | |
| Designation | | **Assistant Professor**  **Department of Computer Science**  **Ram Lal Anand College**  **University of Delhi** | |  | |
| Address | | **CD Block, House No-201, Pitam Pura, Delhi – 110034** | |
| Mobile No | | **9953245840** | |
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| Email  Alternate Email | | [sakshikhanna@rla.du.ac.in /](mailto:sakshikhanna@rla.du.ac.in%20/) [sakshisahni.du@gmail.com](mailto:sakshisahni.du@gmail.com) | |
|  | |
| Educational Qualifications | | | | | |
| Degree | | Institution | | Year | |
| B.Sc. (Hons.)  Computer Science | | Delhi University | | 2006 | |
| M.C.A. | | Guru Gobind Singh Indraprastha University | | 2009 | |
| Pursuing Ph.D. | | Amity University Noida | | 2021 | |
| Career Profile | | | | | |
| * 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 from June 2009 – December 2010. | | | | | |
| Areas of Specialization | | | | | |
| Artificial Intelligence, Machine Learning, Database Systems, Operating System, Algorithms, Computer Graphics and Computer Networks. | | | | | |
| 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. Neutrosophic Meta SHAP and Neutrosophic Meta LIME: An Efficient Framework for Explainable AI in Oral Cancer Detection, **Doi   :** <https://doi.org/10.54216/IJNS.230328> 2. Neutrosophic Topological Vector Spaces and its Properties, https://doi.org/10.54216/IJNS.230206 3. FEEDU-Android Based One Stop Solution for Feedback Analysis, Aegaeum Journal, UGC CARE GROUP II, Volume 8 Issue 8 2020,Page No: 694-707, DOI: 16.10089.AJ.2020.V818.285311.3969, ISSN: 0776-3808 4. Embracive compendium of carpooling applications and proposed framework for agent mediated carpooling systems, JOURNAL OF CRITICAL REVIEWS, Scopus Indexed, ISSN- 2394-5125 VOL 7, ISSUE 13, Page No: 1281-1290, 2020 5. The challenged digital capacity of India is now a state of a living in lockdown, Aegaeum Journal, UGC CARE GROUP II, Volume 8 Issue 8 2020,Page No: 291-301, 6. Dexterity of quantum computation and quantum information processing: A contemporary Annex, IJRAR, e-ISSN: 2348-1269, p-ISSN: 2349-5138, Vol 7, Issue 2,Page No. 189-196 May 2020, Paper Id: IJRAR19L1549, DOI: [**http://doi.one/10.1729/Journal.23698**](http://doi.one/10.1729/Journal.23698)   KHANNA, S. T. (2020). Dexterity of quantum computation and quantum information processing: A contemporary Annex. IJRAR, 7(2), 189-196. https://www.ijrar.org/papers/IJRAR19L1549.pdf   1. 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. https://www.iosrjournals.org/iosr-jce/papers/Vol19-issue4/Version-2/E1904022633.pdf 2. Millennium of Virtual Reality in e-Commerce: Proposed Virtual Environment and Prototype, IJCTA, July-August 2017, Vol 8(4), 467-474.ISSN: 2229-6093.   Patents   * Registered a Design Patent on IOT Based Blood Oxygen Saturation Meter, The Patent Office, Government of India, 25-05-2023, Design No. 382818-001 | | | | | |
| Awards and Distinctions | | | | |
| * Awarded as Best Teacher Award 2020 by Institute of Scholars. * Certificate of Appreciation for Top Performing Mentor by NPTEL for the course Design and Analysis of Algorithms, Jan-April 2019. * UGC NET in Computer Science and Applications, June 2009, Certificate No. A090979. * Distinction in Master of Computer Application | | | | |
| Association with Professional Bodies | | | | |
| * Member of Association of Computing Machinery * Lifetime member of Computer Society of India. | | | | |
| Courses / FDP / Workshops Attended | | | | |
| 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 1week 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. | | | | |
| Resource Person | | | | |
| * Resource person in a certificate course on “Modern Web Development Tools” organized by Department of Computer Science RLA from 15th August to 15th October 2020. * Resource person in a one week Faculty Training Program on “Prospects and Challenges on Google Suite in Teaching and Learning” organized by Academic Affairs Committee of Swami Shraddhanand College, University of Delhi from 21st August to 28th August 2020. * Resource Person in two days IT Literacy Workshop organized by Department of Computer Science in association with HOPE Worldwide School as an Outreach Programme from 2nd November to 3rd November 2023. * Resource Person in an undergoing Certificate Course on Rust Programming organized by Department of Computer Science started from 3rd February 2024. | | | | |

Sakshi Taaresh Khanna