Title	**Ms.**	First Name	**Manisha**	Last Name	**Wadhwa**	Photograph
Designation		**Assistant Professor**				
Address		**O-1204** **Homes 121** **Noida** **201301**				
Phone No Office						
Residence		**8700988662**				
Mobile		**9582332066**				
Email		**manisha.mcs.du.2017@gmail.com** **manishawadhwaarora@rla.du.ac.in**				

Educational Qualifications		
Degree	Institution	Year
MSc Computer Science	**Department of Computer Science, Delhi University**	**2014**
B.Sc. (H) Computer Science	**Indraprastha College for Women, Delhi University**	**2012**
XIIth	**Mayur Public School**	**2009**
Xth	**Mayur Public School**	**2007**

Career Profile

Currently working as a Assistant Professor at Ram Lal Anand College from past four years.Worked as a Visiting Assistant Professor at Shaheed Sukhdev College of Business Studies ofDelhi University and Ramanujan College of Delhi University, taught "Database Management System(DBMS)" and "Multimedia Applications and Systems" respectively. 2.2 years of overall experience in Nagarro Software Private Limited. Has experience in software/application development using technologies such as ASP.NET MVC, Entity Framework, ADO.NET, ASP.NET Web, Windows Presentation Foundation (WPF), SQL Management Studio, CSS, jQuery, HTML, PHP, Sikuli IDE, and MySQL. Also has experience in automation and manual testing. Qualified UGC-NET, December 2014 attempt.

Administrative Assignments

➢ Member of a 40 Hours Certificate Course on "Full Stack Web Development and Web Hosting" from 23rd Jan - 3rd April 2021 organized for the students of entire College of Ram Lal Anand College as the Resource Person and Course Coordinator. The course was organized for the technical development of the students via virtual interactive learning platform to provide the students exposure to the world of Web Development so that students can get hands-on experience along with getting their website hosted on web. Taught modules on Introduction to Web-Development, Back-end & PHP, Connectivity with Back-end and Website Hosting.

➢ Member of a 40 Hours Certificate Course on Advanced Excel and Data Analysis Using Excel" from 25th June - 21st July 2021 organized for the students of entire College of Ram Lal Anand College as the Resource Person and Course Coordinator. Data Analysis with Excel is a comprehensive tutorial that provides a good insight into the latest and advanced features a

available in Microsoft Excel. It explains in detail how to perform various data analysis functions using the features available in MS-Excel.

➢ 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 : 2018-19,2019-20

➢ Member of Other Staff Council Committees:

  ✓ 2017-18:- College Website Committee, Function Committee

  ✓ 2018-19:- College Website Committee, Prospectus Committee

  ✓ 2019-20:- College Website Committee , Equal Opportunity Cell

  ✓ 2020-21:- College Website Committee, B.A.Programme Committee

  ✓ 2021-22 : Convener, College Website Committee, Career Counselling & Placement Committee, B.A.Programme Committee

➢ Development of a website for the Annual technical festival for the Department of Computer Science – SANKALAN 2014. Project involved technologies such as HTML, PHP, JavaScript, jQuery, Ajax, MySQL, and CSS.Responsible for handling back end activities.

➢ Worked on a project under guidance of Mrs. Neelima Gupta and Mr. Aditya Pancholi on implementation of Under Graduate Admission (UGA) software for Delhi University using PHP, CSS, and HTML. Handled front-end designing and back-end database connectivity.(2013-2014)

➢ Simulation of the C Compiler, using Lex and Yacc. (2013)

➢ Implementation of Mini-DBMS in C++, a generic system that stores the data and performs basic functionalities of accepting commands from the user, executing valid commands and displaying results based on the query fired.(2014)

➢ Development of a Mobile Application for diagnosing if the patient is suffering from liver disease or not. It involved technologies such as C# (.NET) [VS 2012], jQuery, JS, CSS, HTML5, SQL (SQL Management Studio 2008), WCF, MVC, and EF. Handled server side work entailing database connectivity and MVC web application for admin. and making methods for WCF services exposed.(2015)

➢ Project involved the development of an add-in for Microsoft Excel 2007/2010/2013.(2015)

➢ Project involved technologies such as C# (.NET) [VS 2012], WPF, Sikuli IDE, Eclipse, JDK and Snag It. Handled the development as well as automation testing for each functionality

implemented for the Excel add-in (implemented in C#) (2016)

Areas of Interest / Specialization

- System Programming
- Software Engineering
- Computer Networks
- Database Management System(DBMS)

Subjects Taught

- Database Management System(DBMS)
- Multimedia Applications and Systems
- System Programming
- Data-Structures
- Search Engine Optimization
- Web Design Using HTML5
- Multimedia and Web Design
- PHP Programming
- Word Processing & Presentation Software
- Web Design & Development
- Programming Using Python
- Introduction to Database Systems
- Android Programming
- Programming Fundamentals with C++
- IT Tools

Awards and Distinctions

- University Rank - 3rd in MSc. Computer Science, DU
- Stood 1st in B.Sc. (H) Computer Science, Indraprastha College, DU
- Stood 1st in B.Sc (H) Computer Science part-II, part-III with University Rank 2nd and University Rank 4th respectively in DU.
- Completed the Certification for EMC Academic Associate, Data Science and Big Data Analytics at EMC Education Services

Other Activities

- Folk dance competition, held in I.P College, D.U, Third position (2009-2010)
- Part of Creative Team, Magazine VINCULUM (Innovation to Infinity), Dept. of ComputerScience I.P College,D.U(2011-2012)

- Managed," Spin d web" event in SANKALAN (Annual Technical Festival), Prelims and Mains,2013, 2014.

Publication Profile

Research Papers

- ❖ A Comparative Study Between Ado.Net And Entity Framework, International Journal of Advanced Scientific and Technical Research, ISSN 2249-9954, volume 6, Issue 7, Nov.- Dec. 2017 , DOI : https://dx.doi.org/10.26808/rs.st.i7v6.17
- ❖ A Study On Agile Software Development Life Cycle Model, International Journal of Computer Application (2250-1797) , Volume 7– No.6, November-December 2017, DOI: https://dx.doi.org/10.26808/rs.ca.i7v6.09
- ❖ Analysis Of Different Types Of Threats On Networks And Various Means Of Securing Networks, International Journal of Computer Application (2250-1797), Volume 7– No.6, November-December 2017, DOI: https://dx.doi.org/10.26808/rs.ca.i7v6.08
- ❖ A Study on Interface between Human Brain and Computer Systems, International Journal of Advance Research in Computer Science and Management Studies, ISSN: 2321-7782 (Online), e-ISJN: A4372-3114, Impact Factor: 7.327 , Volume 5, Issue 12, December 2017,
- ❖ A Study on the Role of Electroencephalography (EEG) In Brain Computer Interface (BCI), International Journal of Advance Research in Computer Science and Management Studies, ISSN: 2321-7782 (Online), e-ISJN: A4372-3114, Impact Factor: 7.327, Volume 5, Issue 12, December 2017

Courses / FDP / Workshops Attended

- ❖ Attended the power seminar webinar on the theme Job Skills to Succeed in a Post Pandemic World Conducted by ICT Academy On 04 May 2020
- ❖ Attended the power seminar webinar on the theme Employability Skills For The Future Conducted by ICT Academy On 05 May 2020
- ❖ Attended the power seminar webinar on the theme Gearing Up for the job of Tomorrow Conducted by ICT Academy On 05 May 2020
- ❖ Attended Season 4 of Skycampus on the theme The Future of Education, Employment & Entrepreneurship, Expert Sessions by Dr. Pankaj Mittal, Secretary General, Association of Indian Universities Sabita, Associate Vice President & HR Specialist, Sopra Steria moderated by Dr B Anbuthambi, President, ICT Academy 08 May 2020.
- ❖ Attended 5 Days Virtual Faculty Development Program on Networking Essentials by ICT Academy from 7th - 12th May
- ❖ Attended Lecture on Diversity and Inclusion on 4th May by NPTEL
- ❖ Attended Lecture on Civil services in India - as a career on 5th May by NPTEL
- ❖ Attended Lecture on Use of technology in educational context development on 4th May by NPTEL
- ❖ Attended 5 days Virtual Faculty Development Program on "Teaching Techniques with Gamification" organized by ICT Academy from 14 May – 19 May 2020.
- ❖ Attended Webinar on Current Trends in Information Technology on May 15, 2020 organized by Bharati College

- ❖ 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.
- ❖ Attended 1 week Faculty Development Program on "HADOOP (HOROTONWORKS)" organized by Department of Computer Science, Ram Lal Anand College, University of Delhifrom 21st May – 25th May 2018.
- ❖ Attended 2 days Faculty Development Program on "Introduction of Internet of Things" conductedby ICT Academy at Rajdhani College, University of Delhi from 29th Jan – 30th Jan 2018.
- ❖ 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.