

| Title | Ms. | First Name | Sonia | Last Name | Kumari | Photograph |
|------------------------------------|-----|--|---|--------------|--------|---|
| Designation | | | Assistant Professor | | | |
| Department | | | Computer Science | | | |
| Address (Campus) | | Shyama Prasad Mukherji College for Women Punjabi Bagh west, Delhi - 110026 | | | |  |
| Phone Number(Campus) | | | 011 2522 4499 | | | |
| Fax | | | | | | |
| Email | | | Sonia.kumari@spm.du.ac.in | | | |
| Education | | NET Qualified, Ph.D. in CS (Pursuing) , M.Sc. , B.Sc. (Computer Science) | | | | |
| Subject | | Institution | | Details | | |
| Ph.D (Pursuing) | | University of Delhi | | (Pursuing) | | |
| M.Sc in Computer Science | | University of Delhi | | 1st Division | | |
| B.Sc(H) Computer Science | | Indraprastha College for Women. University of Delhi | | 1st Division | | |
| Research Interests/ Specialization | | | | | | |
| | | DBMS , Programming Fundamentals, Computer Networks. | | | | |
| Teaching Experience | | | | | | |
| | | 9+ years | | | | |

Publications/ Research Papers in Journals:

1. **Sonia Kumari** , Kumari Seema Rani , “ Database Connection Technology ”, International Journal of Advanced Research in Computer Science , ISSN: 0976-5697 , Volume 8 Issue 5, May-June 2017, Page No. 2138-2143.
2. Manvendra Yadav , **Sonia Kumari** , Kumari Seema Rani , “Security Issues in Cloud Computing and Grid Computing” , International Journal of Innovative Science, Engineering & Technology, ISSN : 2348-7968 , Vol. 4 Issue 6, June 2017 , Page No. 211-217.
3. Kumari Seema Rani , **Sonia Kumari** , Manvendra Yadav , “Big Data: A Challenging Technology” , International Journal of recent Trends in Engineering & Research, ISSN : 2455-1457 , Vol. 3 Issue 6, June 2017 , Page No. 227-233.
4. **Sonia Kumari**, Pratibha Yadav, and Kumari Seema Rani , “Programming Paradigms in the Context of the Programming Language”, International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 4 Issue 11 Nov 2015, Page No. 14953-14959.
5. **Sonia Kumari**, Pratibha Yadav and Manvendra Yadav , “Review of Efficient Routing In Delay Tolerant Network”, International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 4 Issue 12 Dec 2015, Page No. 15165-15171.
6. **Sonia Kumari**, Pratibha Yadav and Manvendra Yadav , “Performance Analysis in Dynamic Social Networks ”, International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 4 Issue 12 Dec 2015, Page No. 15246-15251.
7. Pratibha Yadav ,Kumari Seema Rani, and **Sonia Kumari**, “Recommender System: Revolution in E-Commerce”, International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 4 Issue 10 Oct 2015, Page No. 14899-14904.
8. Pratibha Yadav, Kumari Seema Rani and **Sonia Kumari** , “Review of Social Collaborative Filtering Recommender System’s Methods”, International Journal Of Engineering And Computer Science”, ISSN: 2319-7242, Volume 4 Issue 11 Nov 2015, Page No. 14927-14932.
9. Manvendra Yadav and **Sonia Kumari** , “Innovations By Internet Of Things”, International Journal Of Engineering And Computer Science”, ISSN: 2319-7242, Volume 5 Issue 1 Jan 2016, Page No. 15397-15401.
10. Manvendra Yadav and **Sonia Kumari** , “Emerging Technologies in Software Systems”, “International Journal of Innovation Science , Engineering & Technology”, ISSN: 2348-7968, Volume 3 Issue 1 Jan 2016, Page No. 463-469.
11. **Sonia Kumari** , “A Survey on Honeypots Security” , Conference Proceedings of National Conference on Emerging Trends in Information Technology. Cyber Security : A Panoramic View , ISSN-0976-8629 , Page No.44-50.

Participation in International Conferences/Workshops/Orientation Programme

1. Participated in “Four-week Orientation Programme”, organized by Ramanujan College, University of Delhi, India, from Dec 2, 2023 to Dec 31, 2023.
2. Participated in “NEP 2020 Orientation & Sensitization Programme (Programme Code: MMC-138-2024-JUNE-A-01830)” in online mode under Malaviya Mission Teacher Training Programme (MMTTP) of Ministry of Education, Government of India, Shri Ram College of Commerce (MMTTC, SRCC) from 5-June-24 to 14-June-24
3. Participated in three days international workshop on “Academic writing and publishing” organized by Department of English, Institute of Aeronautical engineering , Hyderabad from Aug 4 , 2022 to August 6 , 2022.
4. Participated in Five days National workshop on “Data Analysis using R Programming” organized by IQAC, Shyama Prasad Mukherji college for women, University of Delhi from 28 th June-2 nd July 2022.
5. Worked as a member of organizing committee in the National Seminar on “Artificial Intelligence : The Next Generation of Computing “ organized by Department of Computer Science, SPM College (University of Delhi) on 11th -12th March , 2022.
6. Participated in 14th annual conference “ COMPUTE 2021” , held at department of Computer Science , University of Delhi , Nov 18-20 , 2021.
7. Participated in International E-conclave on “ Cloud Computing : The Next level of Digital Transformation” Organized by Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi on 20 November , 2021.
8. Participated in One week online faculty development programme on “ Emergence of Blockchain Technology and cryptocurrencies” organized by Institute of Information Technology & Management , GGSI university , New Delhi on August 09-14 , 2021.
9. Worked as a Co-Convener of “Session on Career Counselling” organized by Department of Computer Science, SPM College (University of Delhi) on 25th June, 2021.
10. Participated in National Webinar on “Latest Trends in Information Technology Industry” Organized by Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi , held on 7 November, 2020.
11. Participated in 2 day Faculty Training Programme for Online Teaching on Microsoft Teams Software organized by SPM College (University of Delhi) on 28th – 29th August, 2020.
12. Participated in five days Faculty Development Programme on “ Machine Learning Essential for Every Researcher ” organized by Department of Computer Application ,

Kongu Engineering College , Perundurai ,Erode . , held on 6th to 10th July 2020 in online mode.

13. Participated in one week Faculty Development Program on “Machine Learning and Pedagogy” organized by Guru Angad Dev Teaching Learning Center SGTB Khalsa College , University of Delhi conducted from 11th March to 12th March in Offline Mode at D.D.U college (University of Delhi) and remaining session in online mode till 18th May , 2020 under Ministry of Human Resource Development , Govt. of India.
14. Participated in Faculty Development Programme National Webinar on “e-Content Development Methodology: Four Quadrant Model, OERs and Copyright Issues ” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi on May 15, 2020.
15. Participated in Faculty Development Programme National Webinar on “Challenges and Opportunities in Higher Education in India for the 21st Century” jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College and IQAC Hindu College, University of Delhi on May 8, 2020.
16. Worked in Organizing Committee as a Finance Chair at the International Conference on Applications of Computing and Communication Technologies (ICACCT-2018), organized by the Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi , held on 9 March, 2018.
17. Reviewed papers presented at the International Conference on Applications of Computing and Communication Technologies (ICACCT-2018), organized by the Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi , held on 9 March, 2018.
18. Participated in one week Faculty Development Program on Algorithms organized by ACM India Education and ACM Delhi NCR Chapter from 7th July , 2016 to 13th July 2016.
19. 17. Participated in the workshop on Latex organized by the Department of Mathematics , SPM College (University of Delhi) on 27th September, 2016.
20. 18. Attending and Volunteering at the “National Conference On Advances in Computer and Information Technology- 2016” (NCACIT – 2016), organized by the Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi , held on 19-20 December, 2016.
21. Coordinator in Two days workshop on Personality Development Program organized by Department of Computer Science , Shyama Prasad Mukherji College , University of Delhi, held on 1-2 Feb , 2016.
22. Coordinator for the event “Puzzler” in Annual Technical Fest “SANGTARAASH 2018” of Department of Computer Science, SPM College (University of Delhi) on 26th March, 2018.

23. Worked and Coordinated with the E-waste Disposal Committee of the College in 2016-2017.

Other Responsibilities:

1. Member, **College Website Committee** Since 2017 .
2. Member , **IQAC SSR Team** since 2018.
3. Member , **AQAR Committee** 2021-2022 , 2022-2023 , 2023-2024

Ms. Sonia Kumari