**DR. POOJA MOHAN**
**AssociateProfessor**
Department of Computer Science and Applications
GGDSD COLLEGE Chandigarh
India -160031
pooja.mohan@ggdsd.ac.in
mailforpooja@gmail.com

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| **Educational Qualifications** | **Ph.D.in Computer Science**<br>Department of Computer Science and Applications, Punjabi University Patiala, India (2017)<br>Ph.D. Thesis: *Context Aware Model for enhancing Security and Privacy in Wireless Sensor Network*<br>Ph.D. Supervisor: Dr. Manpreet Singh, Professor, CCET, Chandigarh<br><br>**M.Phil. (Computer Science)** Department of Computer Science, CDLU, Sirsa, India (2007-2008)<br><br>**MCA -** Department of Computer Science and Applications, Kurukshetra University, Kurukshetra, India (2003-2004)<br><br>**M. Sc (Computer Science)**, Department of Computer Science and Applications, Kurukshetra University, Kurukshetra, India (1999-2001)<br><br>**B.Sc (Computer Science)** AKMV College, Affiliated to Kurukshetra University, India (1996-1999) |
| **Teaching/Research Experience** | • March 10, 2022-tilldate<br>**Associate Professor** in Department of Computer Science and Applications, GGDSD College, Chandigarh<br>Teaching Data Structures, RDBMS, JAVA, LINUX OS<br>• March 10, 2009- March 9, 2022<br>**Assistant Professor** in Department of Computer Science and Applications, GGDSD College, Chandigarh<br>Taught Data Structures, RDBMS, JAVA, LINUX OS, Graphics, Programming in C/C++, Networks, Software Engineering<br>• July 2007 to July 2008<br>**Assistant Professor** in Department of Computer Science and Applications, Govt. College for Girls, Sector-11, Chandigarh<br>Taught Data Structures, RDBMS, JAVA, Oracle<br>• August 2006 to December 2006<br>**Assistant Professor** in Department of Computer Science and Applications, Government College, Dharamsala<br>Taught C/C++, JAVA and Networks<br>• July 2001 to January 31, 2006<br>**Assistant Professor** in Department of IT, AKMV College affiliating to Kurukshetra University.<br>Taught C/C++, Oracle, JAVA, DBMS, Operating System, Artificial Intelligence |
| **Areas of Interest** | Sensor Networks, Data Structures, RDBMS |
| **Publications (Journal/Book Chapters)** | **Journal Publications:**<br><br>• Mohan, P. (2023) "Enhancing Education using Block chain Technology", Indian Journal of Applied Research, Volume 13, Issue 02, pp. 1-2 |

- Mohan, P. (2022) "Internet of Things for Healthcare Industry", National Research Journal of Information Technology and Information Science, Volume:8, Issue:1, P-33,34 2350-1278

- Mittal, H., Mohan, P. (2022) "E-waste awareness among educated residents of Chandigarh: a Pilot study", pp:176-184, New Horizons, Volume XVIII,, 2277-5218
- Mohan, P. (2021) "Online teaching, learning and physiotherapy treatment during covid times", Shodh sarita , Vol:8, Issue: 29, pg: 118-121, 2348-2397
- Mohan, P. (2021) "Artificial Intelligence Techniques for Living assistance for elders and disabled persons", Wesleyan Journal of Research, Vol 13, issue 66, pg: 20-28, 0975-1386
- Mohan, P. (2020) "Review of Artificial Intelligence tools in Healthcare", SHODH SANCHAR BULLETIN , VOL 10, ISSUE 40, pg: 118-122, 2229-3620
- Mohan, P. (2020) "Review of ICT usage in Disaster Management", *International Journal of Information Technology, Springer, Scopus,* Vol: 12, Issue:3, 2511-2112, 0971-1260
- Mohan, P. (2019) "Role of Technology in Safer evacuation during emergency Response" *Think India Journal( Quaretly )*, Vol 22, Issue 4, pg: 77-83
- Mohan, P. (2018) "Narcissism: Study of Social Media Addiction", Indian journal of Scientific research in Computer Science Applications and Management Studies, Volume 7, Issue 8, pp. 1-3
- Mohan, P. (2017) "Privacy Policies based on Context Awareness in Sensor Network Healthcare Environment", International Journal of Computer Science and Mobile Applications, Vol.5 ,Issue. 11,  pg. 68-75, ISSN: 2321-8363
- Mohan, P. (2016) "Security Policies for Intelligent Health Care Environment", Procedia Computer Science,  Science Direct , Volume 92, pp. 161-167, ISSN 1877-0509
- Mohan, P. (2015) "Ontological Approach for context aware modeling and reasoning in sensor network",  International Journal of  Computer Technology & Applications, Vol 6, Issue 2, pp. 244-248, ISSN: 2229-6093
- Mohan, P. (2014) "Formal Context Aware Secure Framework for Sensor Network Environment"., International Journal of Engineering Research and Technology,  ESRSA Publications. Vol. 3. No. 3, ISSN: 2278-0181
- Mohan, P. (2013) "Formal Models for Context Aware Computing. International Journal of Computer Applications Technology and Research (IJCATR), Vol 2 Issue 1, pp 53-58, ISSN: 2319-8656.
- Mohan, P (2011) "Future of Advertising trends in Social Networking Websites., "Social Networking Sites-Bone or Bane", SD College for Women, Jalandhar, pp. 187-189, ISBN  0978819227096
- Mohan, P (2011) "Security Issues in Sensor Networks: a Survey", International conference Proceedings on wireless and embedded systems, Chitkara University (WECON 2011), pp. 65-68, ISBN-9788192091365
- Mohan, P. (2010) "Women in Computing: Rise and Fall", in National Seminar on Role of Women in IT-Today and Tomorrow,  SD College for Women, Jalandhar, pp. 192-195

**Book Chapters:**

- Mohan, P. (2020) "An Ontological Model, Design and implementation of CSPF for Healthcare", Ontology based Information Retrieval for Healthcare Systems, John Wiley & Sons., Inc., 978-1-119-64048-6
- Mohan, P. (2018) "Developing a Context-Aware Secure Model for Sensor Network Environment", Proceedings of *Emerging Research in Computing, Information, Communication and Applications*, pp.521-534., Springer, SingaporePrint ISBN: 978-981-10-4740-4, E - ISBN: 978-981-10-4741-1
- Mohan, P.(2017) "Review of Context Aware Security Solutions for Sensor Network", Proceedings of IEEE International Conference on "Computing for Sustainable Global Development", pp. 1007-1011, ISSN 0973-7529; ISBN 978-93-80544-24-3
- Mohan, P. (2015) "Use of Social Media, blogs and File Sharing Sites in Higher Education" Challenges in Higher Education, Gaurav Book centre Pvt. Ltd, pp. 255-263, ISBN 978-93-83316-03-8
- Mohan, P. (2014) "Who else is using your cell phone?" Dynamics of Commerce and Management in the new Millennium, International Research Publication House, pp. 343-352, ISBN 978-93-84144-65-4
- Mohan, P. (2014) "Globalisation and Human Development in India, Arun Publishing House Pvt. Ltd., Pp 130-135, ISBN 978-81-8048-248-9
- Mohan, P. (2014) "Ontology Representation for Context Aware Sensor Network" , Emerging Trends in Information Technology : Challenges & Strategies ", GGDSD College, sector-32, Chandigarh, pp. 143-145, ISBN-978-93-82068-25-9

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| **Seminars/ Conferences/Symposiums (Paper Presented)** | <ul><li>Presented paper on "Changing Education Scenario with evolution of blockchain technology", ICSSR Sponsored National Seminar on Recent Trends in IT organized by GGDSD College, Chandigarh on March 25th, 2022</li><li>Presented Paper on "Review of ICT usage in disaster Management", International conference on recent trends in computer applications and information technology , MMU, Mullana on April 19-20, 2019</li><li>Presented Paper on "E-waste Management State-of-the art & assessment of awareness" in International conference on recent trends in computer applications and information technology by MMU, Mullana. April 19-20, 2019</li><li>Presented paper on "ICT as a tool for managing disaster" National Seminar on "Innovations in Computing and Communication Technologies" , DCSA, AKMV College, Kurukshetra on March 16th, 2019</li><li>Presented paper on "Context Aware Privacy Policies in Wireless Sensor Network Healthcare environment" IEEE International Conference on Communication Systems and Network Technologies (CSNT-2016) at Chitkara University, Punjab on March 5-7, 2016</li><li>Presented paper on "Security Policies for Intelligent Health Care Environment" in International Conference on Intelligent Computing, Communication & Convergence (ICCC-2016), Bhubaneswar, Odisha, India from January 24th-25th, 2016</li><li>Presented a paper on "Social Networking sites and Online Web Behaviour", PCMA International business Conference held at Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab., **21st -22nd December, 2012**</li><li>Presented a paper on "Ontology Representation for Context Aware Sensor Network". International Conference proceedings of FIM (IMSCT 2012 FIM</li></ul> |

XXI) held at Panjab University, Chandigarh**.,** pp. 56-57, **15ᵗʰ - 17ᵗʰ Dec 17, 2012**

- Presented a paper on "Narcissism and Social Networking", "Technological And Management Advancements: Issues And Challenges: 2011", RIMT -Management Campus Mandi Gobindgarh on October 10ᵗʰ, 2011
- Presented a paper on "Formal Models for Context Aware Computing", "Technological And Management Advancements: Issues And Challenges: 2011", RIMT -Management Campus Mandi Gobindgarh on October 10ᵗʰ, 2011
- Presented a Paper on "Security Issues in Cloud Computing", National conference on Emerging Trends in Online Business, Gian Jyoti Institute, Mohali on November, 2010

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| **Refresher Courses/Workshops/Training Programmes** | <ul><li>Attended National Workshop on "Natural Language Processing" by *DCSA, PU, Chandigarh,on* March 27ᵗʰ, 2024</li><li>Online One week National level FDP on "Multitechnologies" Organised by CMR Engg. College, Hyderabad from June 28ᵗʰ, 2021 to July 3ʳᵈ 2021</li><li>Online 7 days FDP on "Search, Research and Publication Ethics" Organized by HRDC, PU, Chandigarh from July 6, 2021 to July 12, 2021</li><li>UGC sponsored short term course/FDP on "Research Methodology", Organized by UGC-HRDC, PU, Chandigarh from October 11, 2019 to October 17, 2019</li><li>Workshop on "Academic publishing: Way to increase the visibility of your research" by RUSA., organized by GGDSD College, Chandigarh on 31st March, 2017</li><li>Attended Hands on Workshop on "Cloud Computing" by Aa2it, SASIT. Mohali, on 5ᵗʰ Nov, 2016</li><li>Attended Workshop on "Automation System in Education Sector" Sponsored by RUSA organized by S.D. College, Sector 32, Chandigarh, on 18ᵗʰ - 20ᵗʰ Feb 2016</li><li>One week FDP : Instructional Skills Workshop organized by GGDSD College, Chandigarh from October 14th-October 20, 2015</li><li>One week Faculty Development Programme organized by GGDSD College, Chandigarh from 17ᵗʰ -23ʳᵈ May , 2014</li><li>Refresher course in IT (Winter School), organized by Academic Staff College, Panjab University, Chandigarh from 4ᵗʰ - 24ᵗʰ December, 2013</li><li>Faculty Development Programme, organized by University of Fraser Valley and GGDSD College, Chandigarh April 29 to May 3, 2013</li><li>Attended Orientation Programme by Academic Staff College, Panjab University, Chandigarh From November 25ᵗʰ to December 22ⁿᵈ, 2011</li><li>STTP on Wireless Sensor Networks Conducted by NITTTR, Chandigarh Sept 20-24, 2010</li></ul> |
| **Invited Talks** | Delivered a lecture on "Artificial Intelligence" in A.S. College, Khanna on June 4ᵗʰ, 2020 |
| **Administrative Experience** | <ul><li>Actively participated as the Coordinator, Animations and Computer graphics ADD-on since 2018.</li><li>Member, Undergraduate Board of Studies, faculty of Science from 2019 to 2021.</li><li>Sub-Registrar IT, GGDSD College, Chandigarh from 2020-2022</li></ul> |

- Acting as an ARIIA Co-coordinator, IIC since 2022
- Innovation Ambassador, IIC since 2022
- Incharge, Career Guidance and Counselling Cell, GGDSD College
- Member, Parent Teacher Association of GGDSD College
- Acting as a Coordinator for time table IT from 2020 to 2024.
- Incharge, PU Youth festival for Heritage Item
- Memebr, Press and Publication Committee from 2019 to 2021
- Organized talk on "Expert session on value proposition fit and business fit" by IIC, GGDSD College on **August 12th, 2024**
- Organized Seminar on "Success Simplified" by Career Counselling Cell, on September 20th, 2024
- Organising Secretary of one day Lecture on "National Startup day" by Alumni, Organised by IIC, GGDSD College, on **January 16th, 2024**
- Organising Secretary for Workshop on "Blockchain as a career opportunity" by career counseling cell on **October 13th, 2023**
- Organising Secretary for Expert Session on "Start-up Ecosystem Enablers" by IIC. GGDSD College on **August 31st, 2023**
- Involved as an Innovation Ambassador for organizing Workshop on Entrepreneurship and Innovation as Career Opportunity by IIC, GGDSD College, Chandigarh, **February 16th, 2023**
- Member, National Entrepreneur Weekend by IIC, Organised by IIC, GGDSD College, Chandigarh **September 18th, 2022**
- Organizing Member, ICSSR Sponsored National Seminar on Recent Trends in IT on **March 25th, 2022**
- Coordinator, Workshop on "Meanstack Technology", Organised by GGDSD College, Chandigarh with sebiz infotech, Mohali, **September 11th, 2021**
- Member, Organizing Committee, Emerging Trends in Information Technology : Challenges & Strategies " at GGDSD College, sector-32, Chandigarh, **31st January 2014**

**DR. POOJA MOHAN**