

Dr. Palwinder Kaur

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Objective	To get associated with a reputed institute and explore a challenging environment that offers professional growth & advancement opportunity while being resourceful, innovative and flexible, which helps me to explore my knowledge in the education industry.
Summary of Qualification	<ul style="list-style-type: none">➤ Doctorate in Computer Science (2024)➤ M.Tech(IT) from Guru Nanak Dev Engineering College Ludhiana, Punjab Technical University, Jalandhar with First Division in 2012.➤ B.Tech(CSE) from Beant College Of Engineering & Technology, Gurdaspur with First Division in 2004.➤ Diploma in(CSE) from Sai Polytechnic ,Badhani, Punjab
Experience	<ul style="list-style-type: none">➤ Worked as Lecturer with Sikh National college, Qadian,Distt. Gurdaspur from 2004 to 2005.➤ Worked as Lecturer in Lala lajpat Rai Institute of Engineering & Technologies, Moga on Adhoc Basis from 1 february 2010 to 31th July, 2010.➤ Working as Assistant Professor in khalsa institute of Management and Technology from July 2014 till date.

Publications	<p>Research paper:</p> <ol style="list-style-type: none"> 1) Sharma A., Gupta M., Kaur R., Chopra N. and Kaur P.(2024), “ Predictive Analytics & Validation for Technology Intervention Recommendation System for Autism: A Machine learning Framework”, International Journal of Intelligent Systems and Applications in Engineering, Pp 1023-1029(Scopus) 2) Singla S., Kaur P. and Gupta M(2024), “EMOTION DETECTION USING AI”, Journal of Technology, PP 376-382, Vol.12 Issue 5.ISSN: 10123407(Scopus) 3) Kaur P and R.K (2022), “A review on optimization techniques for medical image analysis” concurrency computation: practice and experience, DOI: 10.1002/cpe.7443(Impact Factor: 2.175, SCIE, Scopus) 4) Kaur P and Singh R.K.(2022),” Feature Selection Pipeline based on Hybrid Optimization Approach with Aggregated Medical Data ”, International Journal of Advanced Computer Science and Applications, Pp-312-320, vol-13 no. 1(Impact Factor- 1.092, ESCI, Scopus, Inspec) 5) Kaur P and Singh R.K.(2020) “Content-Based Image Retrieval Using Machine Learning And Soft Computing Techniques”, International Journal of Scientific & Technology Research, Pp-1327-32 Vol-9, Issue-01(Impact Factor-7.466 Scopus Indexed) 6) Kaur P and Singh R K (2019) “An efficient approach for Content-based Image Retrieval using Cuckoo Search optimization”, International Journal of Modeling and Optimization, Vol-9, No. 2(RG Impact Factor .32) 7) Kaur P and Singh R.K. (2019) “An efficient approach for Content-based Image Retrieval using Lion Optimization”, International journal of Emerging Technologies and Innovative Research, Vol. 6. Issue 5, Page no. 607-615(Impact factor 5.87 Indexing In Google Scholar, ResearcherID) 8) Kaur P and Singh R K (2018) “A Systematic approach for semantic gap reduction in CBMIR”, International Journal of Advance Research in Science Computer Engineering, VOL.7 Issue6(Global Impact Factor-2.83)
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	<p>9) Kaur P and Singh R K (2017) “A systematic review on Content Based Image Retrieval”, International Journal of Research in Electronics and Computer Engineering, VOL.5 Issue4(Global Impact Factor-0.543)</p> <p>10) Kaur P and Mann K S (2012) ,”A Novel Algorithm for Region based Image Retrieval Framework”. International Journal of Innovations in Engineering and Technology -Vol-1,Issue-2.(Global Impact Factor-0.685/1)</p> <p>11) Kaur P (2012) “Semantic Gap-Hurdle in the growth of CBIR”, Published in Proceedings of National Conference on Emerging Principles and Practices in Computers and Communication Media.</p> <p>12) Kaur P, Kaur M, Shikha and Kaur S (2011) “Literature survey on Prediction of Fault Proneness in Software Systems”, Published in Proceedings of International Conference on Intelligent Computational Systems 2011.</p> <p>Conferences:</p> <p>1) Kaur P and Singh R.K.(2021).” Validation of Hybrid Optimization Approach for Medical Image Classification”, 1st International Conference on Advancement in Computation & Computer Technologies (InCACCT- 2023)</p> <p>2) Kaur P and Singh R.K.(2020) “An Efficient Analysis of Machine Learning Algorithms in CBIR”, 2020 International Conference on Computation, Automation and Knowledge Management (ICCAKM) PP. 18-23(IEEE conference in Dubai)</p> <p>3) Kaur P and Singh R.K.(2020),” A Panoramic View of Content-based Medical Image Retrieval system ”, 2020 International Conference on Intelligent Engineering and Management (ICIEM)London , Pp-187-192 (IEEE Xplore, Scopus Indexed)</p>
Skill Set	<ul style="list-style-type: none"> ➤ Languages : C, C++, XML, Java, Python, Matlab ➤ Database : MS-Access, Basic knowledge of ORACLE. ➤ Operating Systems : Windows 2000/XP/Vista, Android,

<p>Extra Responsibilities handled</p>	<ul style="list-style-type: none"> ➤ Member of organization committee in B.Tech. ➤ Member of refreshment committee during B.Tech ➤ Member of Punjabi cultural committee during B.Tech ➤ NSS Program officer in Khalsa Institute of Management and Technology ➤ Superintendent of Examination May-June 2019 ➤ Deputy superintendent of Examination Nov-Dec 2017 ➤ Handling of media in college functions in KIMT, Ludhiana ➤ Attended two days National workshop on Academic Writing and Research Productivity ➤ Examination Observer Dec 2019 at GTB Dakha ➤ Superintendent Of Examination May-Jurn2023 ➤ Superintendent of Examination Nov-Dec 2023 ➤ Training and placement Officer since Feburary 2022 ➤ Reviewer in conference InCCACT 2024
<p>Personal Details</p>	<ul style="list-style-type: none"> ➤ Father's Name : S. Satwinder pal Singh ➤ Mother's Name : Smt Balbir Kaur ➤ Date of Birth : 19 November 1981. ➤ Marital Status : Married ➤ Nationality : Indian ➤ Strengths : Will power, Dedication, Optimistic ➤ Permanent Address: Vpo Ayali Kalan, Ludhiana, Punjab. ➤ Phone No : 9988800037 ➤ Email : palavibhangu@gmail.com

Declaration: I hereby affirm that the information in this document is accurate and true to the best of my knowledge.

Date: 07/11/24

Place:Ludhiana

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