

Name:	Dr. Kulwant Kaur
Designation:	Dean & Assistant Professor (Senior Scale)
Email:	kulwantkaur@apjimt.org
Areas of Interest:	Software Engineering, Artificial Intelligence
Academic Qualifications:	PhD (Computer Science & Engineering), MCA
Professional Experience:	20+ years
Membership:	Life Member, Computer Society of India, Mumbai Life Member, Punjab Academy Sciences, Patiala
Publications:	
Books	<ol style="list-style-type: none"> 1. Hardeep Singh & Kulwant Kaur (2013), Designing, Engineering, and Analyzing Reliable and Efficient Software, IGI Global, USA DOI: 10.4018/978-1-4666-2958-5, ISBN13: 9781466629585, ISBN10: 1466629584, EISBN13: 9781466629592. (Indexed by the acclaimed Thomson Reuters Book Citation Index & SCOPUS in 2014) 2. Balram Dogra, Kulwant Kaur & Deepak Kaushik (2009), Enterprise Information Systems in 21st Century: Opportunities and Challenges, Deep & Deep Publications Pvt. Ltd., New Delhi, ISBN 81-8450-183-4. 3. Balram Dogra, Kulwant Kaur & Rajesh Verma (2008), Editor, Applications of IT and Management for Economic Growth, Deep & Deep Publications Pvt. Ltd., New Delhi, ISBN 978-81-8450-120-9.
International & National Journal Publications	<ol style="list-style-type: none"> 1. Kaur Sukhpreet, Kaur Kulwant and Kaur Parminder (2016), An Empirical Performance Evaluation of Universities Website in International Journal of Computer Applications, Volume 146 (15). 2. Verma Preeti, Kaur Kulwant and Kaur Kamaljeet (2015), Problems in Natural Language Interface to Database System in International Journal of Applied Engineering Research (IJAER), Volume 10 (86) (Scopus Indexed) 3. Kaur Anureet and Kaur Kulwant (2015), Suitability of existing Software development Life Cycle (SDLC) in context of Mobile Application Development Life Cycle (MADLC) in International Journal of Computer Applications, Volume 116 (19). 4. Verma Preeti and Kaur Kulwant (2014), Recent Developments in Natural Language Interface to Database Systems in International Journal of Innovative and Research in Computer Science, Special Edition 2014. 5. Sikka Preeti and Kaur Kulwant (2013), Program Slicing Techniques and their Need in Aspect Oriented Programming in International Journal of Computer Applications Volume 70 – No.3. 6. Kaur Kulwant, Singh Hardeep (2011), Determination of Maintainability Index for Object Oriented Systems in ACM SIGSOFT Software Engineering Notes Vol. 36 No. 2. 7. Kaur Kulwant, Singh Hardeep (2010), Empirical study on Usage of Object Oriented Analysis and Design Techniques among Software Development Professionals in IMS Manthan (The Journal of Innovations) Vol. 5 Issue 2 (CS & Tech.), pp. 31 – 38. 8. Kaur Kulwant, Singh Hardeep (2010), Study of System Behaviour for Object Oriented Systems using Metrics in CSI Communications Vol. 33 No. 12, pp. 16 – 22.

	9. Kaur Kulwant, Singh Hardeep (2007), The Impact on Software Maintenance of Fourth Generation Language and Object Oriented Paradigms in Apeejay Journal of Management & Technology , Vol. 2 No. 1 January 2007, pp. 34 – 40.
Chapters in Edited Books :	<ol style="list-style-type: none"> 1. Sukhpuneet Kaur, Kulwant Kaur, Hardeep Singh and Parminder Kaur (2016), An Empirical study of Usability Metric for Websites in G. Sreedhar (Ed.) Design Solutions for Improving Website Quality and Effectiveness, IGI Global Publication, USA, ISBN13: 9781466697645, ISBN10: 1466697644, EISBN13: 9781466697652 2. Kulwant Kaur (2015), Role of Education in Effective Implementation of E-Governance in Future Patterns in Information Technology, ABS Publications, Jalandhar, pp 241 – 244, ISBN 978-81-7072-176-5 3. Kulwant Kaur (2012), Innovative Applications of Technology for Higher Education in India in Quality in Higher Education : Challenges and Opportunities, ISBN 978-81-923164-2-0 4. Kulwant Kaur (2012), Artificial Intelligence: Essence of Computing in Social Implications of Artificial Intelligence, Novatech Scientifics & Informatics, New Delhi, pp 15 – 18, ISBN 978-93-80446-03-5 5. Kulwant Kaur (2008), Technology Enhanced Teaching and Learning: An Indian Perspective in Dogra, B., Kaur K. and Verma, R. (Eds.), Applications of IT and Management for Economic Growth, Deep & Deep Publications Pvt. Ltd., New Delhi, pp 72 – 81, ISBN 978-81-8450-120-9. 6. Kulwant Kaur and Dr Kawaljit Singh (2008), Security Challenges to existing e-banking System in Uppal, R. (Ed.), Banking Services and Information Technology - The Indian Experience, Centaury Publications, New Delhi, ISBN 97-8817-708-176-3. 7. Kulwant Kaur (2007), Getting More from the Deal: Improving Your Outsourcing Governance Model in Dogra, B., Khara, N. and Verma, R. (Eds.), Strategic Outsourcing, Deep & Deep Publications Pvt. Ltd., New Delhi, pp 392 – 405, ISBN 81-7269-623-6. 8. Kulwant Kaur (2005), E-Governance for Productivity Improvement in Administration: An Indian Perspective in Bhatia, B. S. and Dogra, B. (Eds.), Global Competitiveness and Productivity, Deep & Deep Publications Pvt. Ltd., New Delhi, pp 392-405, , ISBN 81-7629-963-4.
Conference/ Seminars Organised :	<ul style="list-style-type: none"> ▪ Convener, AICTE sponsored National Conference on “Innovative Applications of IT and Management for Economic Growth of India” on April 21 – 22, 2006 at Apeejay Institute of Management, Jalandhar and fetched AICTE Seminar Grant worth Rs. 1.25 Lakhs in 2006. ▪ Convener, AICTE sponsored National Seminar on “Enterprise Information Systems” on May 24, 2008 at Apeejay Institute of Management, Jalandhar and fetched AICTE Seminar Grant worth Rs. One Lakh in 2008.
Conference/Workshop/Seminars Attended :	

1. Coauthored a paper titled **“Mingling of Program Slicing to Designing Phase”** at **Shannon100 – 3rd International Conference on Computing Sciences (ICCS)** on 8-9 April 2016 organized by Lovely Professional University, Phagwara.
2. Coauthored a paper titled **“Analysis of Website Usability Evaluation Methods”** published in proceedings of the 10th INDIACom - 2016; IEEE Conference ID: 37465; **3rd International Conference on “Computing for Sustainable Global Development”**, organised by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) on March 16 - 18, 2016.
3. Coauthored a paper titled **“Cloud Era in Mobile Application Testing”** published in proceedings of the 10th INDIACom - 2016; IEEE Conference ID: 37465; **3rd International Conference on “Computing for Sustainable Global Development”** organised by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) on March 16 - 18, 2016.
4. Attended One Day Workshop on **"Accreditation Awareness"** organized by **Punjab Institute of Teacher's Training and Research (Academic Staff College IKG PTU, Jalandhar)** at PIT, Kapurthala on February 19, 2016.
5. Coauthored a Technical Paper **“Problems in Natural Language Interface to Database System”** in **2nd International Conference on Data Engineering and Communication Systems** jointly organized by **Departments of CSE and ISE, RNS Institute of Technology, Bengaluru** held on December 28-29, 2015.
6. Presented a paper **“Role of Education in Effective Implementation of E-Governance”** in **National Conference on Future Patterns in Information Technology (FPIIT - 2015)** on December 04, 2015 held at DAV College, Abohar.
7. Attended One Day Training and Awareness Programme on **“Credit Based System (CBS)”** organized by **IKG PTU, Kapurthala** on November 3, 2015.
8. Presented a paper titled **“The Role of IT in Enhancing the Quality of Teaching Learning of Higher Institutions in India”** in NAAC sponsored two day National Seminar on **“Higher Education : Ensuring Quality through Teaching, Learning and Evaluation”** on September 18 - 19, 2015 at Kanya Maha Vidyalaya, Jalandhar.
9. Coauthored a paper titled **“GUI Automated Testing Horizons of Android Mobile Applications”** in **National Conference on Inter - Disciplinary Research in Engineering Technology & Management IDETM - 2014** on December 17 - 18, 2014.
10. Coauthored a paper titled **“Architecture Styles of Natural Language Interface to Database Systems : A Review”** in **4th International Science Congress (ISC-2014)** held at Pacific University, Udaipur, Rajasthan, India with focal theme as "Global Research: Enhancement,

	<p>Reforms and Commercialization" on 8 – 9 December 2014.</p> <ol style="list-style-type: none"> 11. Session Chair at “Innovation and Technologies in Computer Science & Applications” at DAV National congress on Science, Technology and Management, Jalandhar on November 7 - 8, 2014. 12. Presented a paper titled “Teaching E-Government : An Indian Perspective” in PTU Sponsored National Conference on “Rethink, Redefine, Redesign: A Futuristic Approach to Business” on April 19, 2014 held at Apeejay Institute of Management Technical Campus, Jalandhar. 13. Attended and Coauthored a paper titled “Trend in GUI Automated Testing of Android Mobile Applications” at 17th Punjab Science Congress held at Punjab Technical University, Kapurthala on February 14 - 16, 2014. 14. Chaired a session on “Recent Advances in Computer Science and Technology” at DAV National congress on Science and Technology, Jalandhar on May 30-31, 2013. 15. Session Chair at IEEE International Conference on “Information Management in the Knowledge Economy (IMKE-2013)” on December 19, 2013 at Chitkara University, Rajpura, Patiala. 16. Presented a paper “Surmounting the Complexity Constraints of Aspect Oriented Program” at WILKES100 – International Conference on Computing Sciences (ICCS) on 15-16 November 2013 organized by Lovely Professional University, India and proceedings published in Elsevier Publications. 17. Attended one day workshop on “Awareness Programme on National Mission on Education Through Information and Communication Technology (NMIECT)” organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar in collaboration with Ministry of Human Resource Development, Government of India on October 22, 2012. 18. Presented a paper titled “Artificial Intelligence: Essence of Computing” at UGC Sponsored National Conference on “Social Implications of Artificial Intelligence” held on March 1 – 2, 2012 organized by Kanya Maha Vidyalaya, Jalandhar. 19. Presented a paper titled “Innovative Applications of Technology for Higher Education in India” at NAAC Sponsored National Seminar on “Quality in Higher Education : Challenges and Opportunities” held on February 16 – 17, 2012 organized by L M College of Science & Technology, Jodhpur. 20. Attended one day workshop on “Awareness & Communication (A&C) Campaign for National E-Governance Plan (NeGP) 2010-12” organized by University Computer Centre, Punjabi University, Patiala in collaboration with Department of Information Technology, Ministry of Communications & Information Technology, Government of India on December 22, 2011.
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	<p>21. Presented a paper titled “A Study of Impact of UML usage on Software Industry” at National Conference on “Business Innovations” held on February 27, 2010 organized by Apeejay Institute of Management, Jalandhar.</p> <p>22. Attended a TEQIP sponsored Seminar on “Technological Issues in Computing and Computing” held on October 5, 2007 at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar.</p> <p>23. Presented a paper titled “Technology Enhanced Teaching and Learning: An Indian Perspective” at AICTE sponsored National Conference at “Innovative Applications of IT and Management for Economic Growth of India” on April 21-22, 2006 organized by Apeejay Institute of Management, Jalandhar.</p> <p>24. Presented a paper titled “Getting More from the Deal: Improving Your Outsourcing Governance Model” at National Seminar on “Strategic Outsourcing” organized by Apeejay Institute of Management, Jalandhar on December 17, 2005.</p> <p>25. Presented a paper titled “Security Challenges to existing e-banking System” at 6th Punjab Science Congress (February 7-9, 2003) organized by Sant Longowal Institute of Engineering & Technology (SLIET), Sangrur.</p> <p>26. Attended a National Seminar on “WTO and its Implications for Punjab Economy” held on December 14, 2002 at Apeejay Institute of Management, Jalandhar.</p>
Faculty Development Programme Attended :	
	<ol style="list-style-type: none"> 1. Emerging Trends of Wireless Networks in Medical Field : Issues, Challenges & Tools sponsored by Punjab Technical University, Kapurthala during June 14, 2012 to June 18, 2012. 2. Digital Image Processing and Application in Pattern Recognition sponsored by Punjab Technical University, Kapurthala during July 25, 2011 to July 29, 2011. 3. Intelligent Computational Techniques sponsored by All India Council for Technical Education (AICTE) during July 4, 2011 to July 15, 2011 organized by Shaheed Bhagat Singh College of Engineering & Technology, Ferozepur. 4. Knowledge Based Systems and PROLOG (PROgramming in LOGic) under Quality Improvement Programme (QIP) sponsored by All India Council for Technical Education (AICTE) during June 13, 2005 to June 25, 2005 organized by Indian Institute of Technology, Delhi.
Consultancy/Training: --	