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## Publications

### A. Books

- Ugrasen Suman, [\*Software Engineering: Concepts & Practices\*](#), 1<sup>st</sup> Edition, Cengage Learning, New Delhi, 2013.
- Ugrasen Suman, Sanjeev Kumar Sharma and Maya Rathore, [\*Object Oriented Analysis & Design using UML\*](#), 1<sup>st</sup> Edition, Cengage Learning, New Delhi, 2018.
- Ugrasen Suman, [\*Software Engineering\*](#), 1<sup>st</sup> Edition, Cengage Learning, New Delhi, 2018.

### B. Book Chapters

- Maya Rathore, Ugrasen Suman, “[A Collaborative Ranking Approach for Discovery and Selection of Cloud Services](#)”, *Encyclopedia of Organizational Knowledge, Administration, and Technologies*, Fifth Edition, IGI Global, Chapter 15, pp.190-206, July 2020.
- Nitin Nagar, Ugrasen Suman, “[Prevention, Detection, and Recovery of CSRF attack in Online Banking System](#)”, *Online Banking Security Measures and Data Protection*, IGI Global, Chapter 11, pp.172-188, 2017.
- Maya Rathore, Ugrasen Suman, “[Classification of Non-Functional Requirements from Multi-Perspective View](#)”, *Requirements Engineering for Service and Cloud Computing*, Springer, pp. 65-87, April 2017.
- Nitin Nagar, Ugrasen Suman, “[Two Factor Authentication Using M-Pin Server for Secure Cloud Computing Environment](#)”, *Web-Based Services: Concepts, Methodologies, Tools, and Applications*, IGI Global, Chapter 46, pp.1053-1067, 2016.

### C. Research Papers

- Basant Namdeo, U. Suman, “[Schema Design Advisor Model for RDBMS to NoSQL Database migration](#)”, *International Journal of Information Technology*, Springer BJIT, Vol.12, Issue 3, 2020.
- Devesh K. Lal, U. Suman, “[SBASH: Stack Based Allocation of Sheer Window Architecture for Real Time Stream Data Processing](#)”, *International Journal of Data Analytics (IJDA)*, IGI Gobal, Vol.1.Issue 1, 2020.
- Devesh K. Lal, U. Suman, “[Towards Comparison of Real Time Stream Processing Engines](#)”, *Proc. of CICT-2019*, IIIT Allahabad, December 6-8, 2019.
- Basant Namdeo, U. Suman, “[Performance Analysis of Schema Design approaches for migration from RDBMS to NoSQL Databases](#)”, *Proc. of ICDIS'19*, Agra(UP), INDIA, Springer: *Advances in Data and Information Sciences*, pp.413-424, March 29-30, 2019.

- Reena Gupta, Rajkamal, U. Suman, "[Q-DWSO: Hybrid approach for QoS-aware Dynamic Web Services Orchestration](#)", *International Journal of Web Engineering & Technology (IJWET)*, Inderscience, Vo. 13, No. 1, pp.30-55, 2018.
- Reena Gupta, Rajkamal, U. Suman, "[Designing of an Orchestration Mechanism for the Efficient Web Services Composition](#)", *Springer, Progress in Computing, Analytics and Networking*, pp.171-182, ICCAN 2017, KIIT Bhubneswar, India, 15-16 Dec. 2017.
- Ritu Jain, U. Suman, "[A Project Management Framework for Global Software Development](#)", *ACM SIGSOFT Software Engineering Notes*, Vol.43, No.1, pp.1-10, January 2018.
- Devesh Lal, U. Suman, "[A survey of real time big data processing algorithms](#)", *INCRS'18, IIITDM Jabalpur (MP), India*, pp.5, 26-28 Feb 2018.
- Reena Gupta, Rajkamal, U. Suman, "[A QoS-supported approach using fault detection and tolerance for achieving reliability in dynamic orchestration of web services](#)", *BIJIT, Springer*, Vo.9 Issue 4, pp.1-11, Dec. 2017.
- Maya Rathore, U. Suman, "[An Extended Broker Centric Dynamic Web Service Discovery and Composition Framework](#)", *IJSEIA, SERSC*, Vol. 11, No. 9, pp. 33-52, October 2017.
- Nitin Nagar, U. Suman, "[Reliable and Enhanced Third Party Auditing in Cloud Server Data Storage](#)", *IJSIA, SERSC*, pp.59-72, Vol. 11, No. 7, July 2017.
- Reena Gupta, Rajkamal, U. Suman, "[Dynamic Orchestration Model for Complex Business Processes: An Application to e-SCMS](#)", *ICACDS-2016 Ghaziabad (UP), India, Springer: Advances in Computing and Data Sciences*, pp. 482-494, 11-12 Nov 2016.
- Ritu Jain, U. Suman, "[An Adaptive Agile Process Model for Global Software Development](#)", *International Journal on Computer Science and Engineering (IJCSE)*, ISSN: 0975-3397, Vol. 9, No.06, pp.436-445, Jun 2017.
- Nitin Uikey, U. Suman, "[Tailoring for Agile Methodologies: A Framework for Sustaining Quality and Productivity](#)", *International Journal of Business Information Systems (IJBIS), ACM Digital Library*, ISSN: 1746-0972, Vol.23, No.4, pp.432-455, Dec. 2016.
- Ritu Jain, U. Suman, "[Effectiveness of Agile Practices in Global Software Development](#)", *International Journal of Grid and Distributed (IJGDC)*, SERSC Publications, Vol.9, No.10, pp.231-248, Nov. 2016.
- Maya Rathore, U. Suman, "[A Mixed Opinion based Reputation Prediction Approach for Web Service Discovery](#)", *International Journal of Business Information Systems (IJBIS)*, Inderscience publications, Vol.22, No.2, pp.143-165, April 2016.
- Nitin Nagar and Ugrasen Suman. Article: [A Secure Mobile Cloud Storage Environment using Encryption Algorithm](#), *International Journal of Computer Applications (IJCA)*, Foundation of Computer Science, 140(8):33-43, April 2016.
- Nitin Nagar, U. Suman, "[Analyzing Virtualization Vulnerabilities and Design a Secure Cloud Environment to Prevent from XSS Attack](#)", *International Journal of Cloud Applications and Computing (IJCAC)*, IGI Global. ISSN: 2156-1834, 6(1), pp.1-14, Jan-Mar 2016.
- Priyanka Katariya, U. Suman, "A Design of Particle Swarm Optimization Based Recommender Engine", *Proc. of International Conferences (ICERCSE)*, Jabalpur, pp.20-23, Nov.21, 2015.
- Rajat Bhandari, U. Suman, "[Secure Integrated Framework for Business Processes](#)", *Proc. of IEEE International Conf. (IC4) Indore(MP), India, IEEE Explore*, pp.1-6, Sept.10-12, 2015.
- Nitin Uikey, U. Suman, "[A Lifecycle Model for Web-based Application Development: Incorporating Agile and Plan-driven Methodology](#)", *International Journal of Computer Applications (IJCA)*, Vol. 117, No.19, pp.28-36, May 2015.

- Reena Gupta, Rajkamal, U. Suman, "[A QoS-aware optimal selection scheme for web services with a trusted environment](#)", *CSI Transactions on ICT, Springer*, Vo.3No.1, pp.13-21, March 2015.
- Maya Rathore, U. Suman, "[An Inheritance based Service Execution Planning Approach using Bully Election Algorithm](#)," Proc. of International Conference on Advanced Research in Computer Science Engineering and Technology (ICARCSET), *ACM Digital Library*, pp.19, March 6-7, 2015.
- Ritu Jain, U. Suman, "[A Systematic Literature Review on Global Software Development Life Cycle](#)", *ACM SIGSOFT Software Engineering Notes (SEN)*, ACM Press, Vo.40 No.2, pp.1-14, Mar 2015.
- Jitender Choudhari, U. Suman, "[An Empirical Evaluation of Maintainability and Productivity during Maintenance](#)," *ACM SIGSOFT Software Engineering Notes (SEN)*, ACM Press, Vo.40 No.2, pp.1-14, Mar 2015.
- Nitin Uikey, U. Suman, "[Risk Based Scrum Method: A Conceptual Framework](#)," *Proc. of International Conference (IndiaCom'15)*, New Delhi, pp.4.120-4.125, March 11-13, 2015.
- Anil Patidar, U. Suman, "[A Survey on Software Architecture Evaluation Methods](#)," Proc. of International Conference (IndiaCom'15) New Delhi, *IEEE Explore*, pp.4.126-4.131, March 11-13, 2015.
- Nitin Nagar, U. Suman, "[Two Factor Authentication using M-pin Server for Secure Cloud Computing Environment](#)," *International Journal of Cloud Applications and Computing (IJCAC)*, IGI Global. ISSN: 2156-1834, Vol.5 No.4, pp.42-54, Oct.-Dec. 2014.
- Maya Rathore, U. Suman, "[QoS Broker based Architecture for Dynamic Web Service Discovery and Composition](#)" *International Journal of u- and e-Service, Science and Technology (IJUNESST)*, SERC, ISSN: 2005-4246, Vol. 7, No. 6, pp. 237-252, 2014.
- Nitin Nagar, U. Suman, "[A Secure Cloud Environment through Location Signature and HTML5 WebDB](#)," *Proc. of 3<sup>rd</sup> International Conference on Advances in Cloud Computing (ACC-2014)*, Pune (MS), India, pp.31-35, Oct. 10, 2014.
- Sanjeev Kumar Sharma, U. Suman, "[A Trust-based Architectural Framework for Collaborative Filtering Recommender Systems](#)," *ACM Digital Library, International Journal of Business Information Systems (IJBIS)*, Inderscience publications, Switzerland, ISSN: 1746-0972, Vol.16, No.2, pp. 134-153, 2014.
- Nitin Nagar, U. Suman, "[Architectural Comparison and Implementation of Cloud Tools and Technologies](#)," *International Journal of Future Computer and Communication (IJFCC)*, ISSN: 2010-3751, Vol. 3, No. 3, pp.153-160, June 2014.
- Rajat Bhandari, U. Suman, "[A Pattern Based Authentication Mechanism for Securing Business Processes](#)," *Proc. of IEEE International Conference on Information Systems and Computer Networks (ISCON-2014)*, Mathura, India, March 1-2, 2014.
- Rajat Bhandari, U. Suman, "[Multithreading Based Secure Algorithm for Business Process Security](#)," Proc. of 8<sup>th</sup> IEEE International Conference INDIACom-2014, *IEEE Explore*, New Delhi, India, ISSN 0973-7529, pp.946-950, March 5-7, 2014.
- Deepali Tripathi, U. Suman, M. Ingle, S. Tanwani, "[Towards Introducing and Implementation of SOA Design Antipatterns](#)," *International Journal of Computer Theory and Engineering (IJCTE)*, ISSN: 1793-8201, Vol. 6, No. 1, pp.20-25, Feb. 2014.
- Jitender Choudhari, U. Suman, "[Extended Iterative Maintenance Life Cycle using eXtreme Programming](#)," *ACM SIGSOFT Software Engineering Notes (SEN)*, ACM Press, Vol. 39 No. 1, pp.1-12, January 2014.

- Sanjeev Kumar Sharma, U. Suman, "[An efficient Semantic URL Clustering for Web page Recommendation](#)," *International Journal of Data Analysis Techniques and Strategies (IJDATS)*, Inderscience publications, Switzerland, ISSN: 1755-8050, Vol. 5, No. 4, pp.339-358, 2013.
- Rajat Bhandari, U. Suman, "[A Secure Framework for Business Process Execution](#)," IEEE International Conference on Computational Intelligence and Communication Networks (CICN 2013), *IEEE Explore*, ISBN 978-0-7685-5069-5, pp. 400-404, Mathura, India, 27-29 Sept 2013.
- Aditya Trivedi, U. Suman "[Design of a Reverse Engineering Model \(A Case Study of Cobol to Java Migration\)](#)", *International Journal of Computer Applications*, ISBN: 973-93-80878-05-9, Vol.79, No. 5, pp.1-5, Foundation of Computer Science, New York, USA, 2013.
- Maya Rathore, U. Suman, "[An ARSM Approach using PCB-QoS Classification for Web Services: A Multi-Perspective View](#)," Second IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI-2013), *IEEE Explore*, pp. 165-171, Mysore, 22-25 Aug, 2013.
- Maya Rathore, U. Suman, "[Web Service Selection Algorithm for Dynamic Service Composition using LSLO Approach](#)," Proc. of 2<sup>nd</sup> IEEE International Conference on Informatics, Electronics & Vision (ICIEV) Bangladesh, ISBN: 978-1-4799-0397-9, *IEEE Explore*, pp.1-6, 17-18 May 2013.
- Jitender Choudhari, U. Suman, "[Code change approach for software maintenance in XP environment](#)," *International Journal of Soft Computing and Software Engineering (JSCSE)*, ISSN: 2251-7545, Vol.3, No.3, pp.131-136, Proc. of International Conference on Soft Computing and Software Engineering (SCSE-2013), San Francisco, USA, March 1-2, 2013.
- Sanjeev Kumar Sharma, U. Suman, "[A Framework of Hybrid Recommender System for Web Personalization](#)," *International Journal of Business Information Systems (IJBIS)*, Inderscience publications, *ACM Digital Library*, Switzerland, ISSN: 1746-0972, Vol.13, No.3, pp.284-316, 2013.
- Maya Rathore, U. Suman, "[Evaluating QoS parameters for Ranking Web Service](#)," Proc. of 3<sup>rd</sup> IEEE International Advance Computing Conference (IACC-2013), Ghaziabad (UP)-201009, India, ISBN: 978-1-4673-4527-9, *IEEE Explore*, pp. 1437-1442, February 22-23, 2013.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[Effectiveness of Requirements Engineering Issues in Software Development](#)," *Journal of Global Research in Computer Science*, ISSN-2229-371X, Vo. 3, No.9, pp.56-69, September 2012.
- Sanjeev Kumar Sharma, U. Suman, "[Comparative Study and Analysis of Web Personalization Frameworks of Hybrid Recommender Systems for e-Commerce](#)," Proc. of CUBE 2012- International IT Conference & Exhibition, Pune, India, *ACM Digital Library*, pp.629-634, 3-5 September 2012.
- Nitin Uikey, U. Suman, "[An Empirical Study to Design an Effective Agile Project Management Framework](#)," Proc. of CUBE 2012- International IT Conference & Exhibition, Pune, India, *ACM Digital Library*, pp.385-390, 3-5 September 2012.
- Jitender Choudhari, U. Suman, "[Phase wise Effort Estimation for Software Maintenance: An Extended SMEEM Model](#)," Proc. of CUBE 2012- International IT Conference & Exhibition, Pune, India, *ACM Digital Library*, pp.397-402, 3-5 September 2012.
- Rajat Bhandari, U. Suman, "[Broker Based Secure Web Service Composition Using Star Topology](#)," Proc. of 6<sup>th</sup> CSI International Conference on Software Engineering, CONSEG-2012, Indore, *IEEE Explore*, ISBN: 978-1-4673-2173-2175-4, pp.181-187, September 5-7, 2012.
- Sanjeev Kumar Sharma, U. Suman, "[A New Cluster Based Collaborative Filtering Recommendation Algorithm for e-Commerce](#)," *Proc. of 4<sup>th</sup> IEEE International Conference on Electronics Computer Technology (ICECT'12)*, Kanyakumary, India, ISBN: 978-1-4673-1850-1, pp. 328-332, April 6-8, 2012.

- Jitender Choudhari, U. Suman, "[Story Points Based Effort Estimation Model for Software Maintenance](#)," Proc. of 2<sup>nd</sup> International Conference on Computer, Communication, Control and Information Technology (C<sup>3</sup>IT), Procedia Technology 4, ScienceDirect by ELSEVIER, West Bengal, India, pp.761-765, Feb.25-26, 2012.
- Jitender Choudhari, U. Suman, "[Designing RC Story for Software Maintenance and Evolution](#)," *Journal of Software (JSW)*, Academy Publisher, Finland, ISSN: 1796-217X, Vol. 7, No. 5, pp.1103-1108, May 2012.
- Nitin Uikey, U. Suman, "[Towards Agile Project Management](#)," *Proc. of 2<sup>nd</sup> International Conference on Computer Applications (ICCA)*, Pondicherry, Vol.5, ISBN: 978-81-920575-8-3, pp.181-189, Jan 27-31, 2012.
- Sanjeev Kumar Sharma, U. Suman, "[Analysis and Design of Architectural Framework of Recommender Agent for e-Commerce](#)," *International Journal of Computer Science, Information Technology, & Security (IJCSITS)*, IRACST Press, Bangalore, India, ISSN: 2250-1355, Vol. 1, No. 2, pp.153-162, December 2011.
- Sanjeev Sharma, U. Suman, "[Analysis of Frequent URLs for Recommender systems using Performance Based Transposition Algorithm](#)," *CiiT International Journal of Automation and Autonomous System*, Coimbatore, ISSN 0974-9659, Vol.3 No.11, pp.526-532, November 2011.
- Rajat Bhandari, U. Suman, A. K. Ramani, "[Web Service Composition through BPEL using Intalio](#)," Proc. of First International Conference on Computational Intelligence and Information Technology (CIIT'11), Pune, India, *LNCS-CCIS Springer Digital Library*, ISBN 978-3-642-25733-9, pp.873-876, Nov 07-08, 2011.
- Shruti Dubey, Neha Rahtekar, U. Suman, "[Generalized Representation of Advice Using Sequence Trace Diagram](#)," *International Journal of Advanced Research in Computer Science (IJARCS)*, Mandsaur (MP), India, ISSN: 0976- 5697, Volume 2, No. 5, pp.80-84, Sept-Oct 2011.
- Sanjeev Sharma, U. Suman, "Analysis of Frequent URLs for Web-Page Prediction using Performance Based Transposition Algorithm," *Proc. of 2<sup>nd</sup> International Conference on Intelligent Information Systems and Management (IISM'11)*, Coimbatore, India, July 14-16, 2011.
- Maya Rathore, U. Suman, "[A QoS Broker Based Process Model for Dynamic Web Service Composition](#)," *Journal of Computer Science*, Science Publications, USA, ISSN: 1549-3636, Vol.7, Issue 8, pp.1267-1274, July 15, 2011.
- Nitin Uikey, U. Suman, A. K. Ramani, "[A Documented Approach in Agile Software Development](#)," *International Journal of Software Engineering (IJSE)*, CSC Journals, Kuala Lumpur, Malaysia, ISSN: 2180-1320, Volume 2, Issue 2, pp.13-22, May/ June 2011.
- Sanjeev Sharma, U. Suman, "[A Performance Based Transposition algorithm for Frequent Itemsets Generation](#)," *International Journal of Data Engineering (IJDE)*, CSC Journals, Kuala Lumpur, Malaysia, ISSN: 2180-1274, Volume 2, Issue 2, pp.53-61, May/June 2011.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[A Framework for Modeling Software Requirements](#)," *International Journal of Computer Science Issues (IJCSI)*, Republic of Mauritius, ISSN: 1694-0814, Vol. 8, Issue 3, No. 1, pp.164-171, May 2011.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[An Approach to Information Requirement Engineering](#)," Proc. of IEEE International Conference on Information Science and Applications (ICISA 2011), Jeju Island, Korea, *IEEE Xplore*, Track 7, pp.1-4, ISBN: 978-1-4244-9222-0, April 26-29, 2011.
- Rajat Bhandari, U. Suman, A. K. Ramani, "[Generalized Framework for Secure Web Service Composition](#)," Proc. of IEEE International Conference on Network Communication and Computer (ICNCC 2011), New Delhi, India, *IEEE Xplore*, ISBN: 978-1-4244-9550-4, pp.537-540, March 19-20, 2011.



- Antriksha Somani, U. Suman, "[Counter Measures against Evolving Search Engine Spamming Techniques](#)", Proc. of 3rd IEEE International Conference on Electronics Computer Technology (ICECT 2011), Kanyakumari, India, *IEEE Xplore*, ISBN: 978-1-4244-8679-3, Vol.6, pp.214-217, April 8-10, 2011.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[Security Requirement Engineering Issues in Risk Management](#)," *International Journal of Computer Applications (IJCA)*, ISSN: 0975-8887, Foundation of Computer Science, USA, Vol.17, No.5, pp.11-14, March, 2011.
- Deepali Tripathi, U. Suman, M. Ingle, "A Systematic Review of Antipatterns in SOA", *Proc. of 1<sup>st</sup> International Conference on Computing, Business Applications & Legal Issues (ICCBALI'11)*, Ghaziabad (UP), India, pp. 3-10, March 3-4, 2011.
- D. Pathak, U. Suman, "[Reducing efforts in Refactoring process using Design Patterns](#)," *International Journal of Advanced Research in Computer Science*, Mandsaur (MP), India, ISSN: 0976- 5697, Vol.2 Issue1, pp.240-245, Jan-Feb 2011.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[Security Requirement Engineering Framework for Developing Secure Software](#)", *International Journal of Computational Intelligence and Information Security (IJCIIS)*, Victoria, Australia, ISSN: 1837-7823, Vol.1, No.8, pp.55-65, October 2010.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[Performance Measurement of Different Requirements Engineering Process Models: A Case Study](#)", *International Journal of Computer Engineering and Technology (IJCET)*, Chennai, India, ISSN-0976-6367, Vol.1, Issue 2, pp.286-300, Aug-Sept. 2010.
- Sanjeev Sharma, U. Suman, "[A Semantic Enhanced Data Mining Framework for Web Personalization](#)", Proc. of Annual International Conference on Data Analysis, Data Quality & Metadata Management (DAMD'10), Singapore, *GSTF Journal of Computing*, ISBN:978-981-08-6308-1, pp.49-57, July 12-13, 2010.
- Jitendra Chaudhary, U. Suman, "[Iterative Maintenance Life Cycle using Extreme Programming](#)", Proc. of ACEEE International Conference on Advances in Recent Technologies in Communication & Computing, ARTCom 2010, Kerla, *ACM Digital Library*, ISBN 978-0-7695-4201-0, pp.401-403, 16-17 Oct. 2010.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[An Effective Requirement Engineering Process for Software Development](#)", Proc. of ACEEE International Conference on Advances in Recent Technologies in Communication & Computing, ARTCom 2010, *IEEE Computer Society*, Kerla, ISBN 978-0-7695-4201-0, pp.287-291, 16-17 October 2010.
- Kirti Muley, U. Suman and M. Ingle, "[Representing Join Point in UML Using Pointcuts](#)", Proc. of International Conference on Computer and Communication Technology, ICCCT'10, *IEEE Xplore*, Allahabad, India, ISBN: 978-1-4244-9033-2, pp.557-561, 17-19 Sept. 2010.
- Ritesh Jain, U. Suman, "A Process Model for Code Generation using Model Transformation", Proc. of *Fourth International Conference on Information Processing(ICIP'10)*, Bangalore, pp.248-255, 6-8 August 2010.
- Kirti Muley, U. Suman and M. Ingle, "Perspectives on Advice: An Overview", *Proc. of National Conference on Emerging Electronics, Mechanical and Computer Engineering*, ETEMC-2010, IIST, Indore, 18 April 2010.
- Dharendra Pandey, U. Suman, A. K. Ramani, "[Social-Organizational Participation difficulties in Requirement Engineering Process- A Study](#)", *Journal of Software Engineering*, Bioinfo Publications, Mumbai, India, ISSN:2229-4007, Vol.1, Issue 1, pp.01-05, 2010.
- Kirti Muley, U. Suman and M. Ingle, "A Comparative Study of Software Development Paradigms with Aspect-Oriented Approach", *Proc. of National Conference on Intelligent Computing and Information System (NCICIS-2009)*, Bilaspur (CG), October 3-4, 2009.

- Dharendra Pandey, U. Suman, Ramani, A. K., “Role of Interviews in Requirements Gathering”, *Proc. of National Conference on Intelligent Computing and Information System (NCICIS-2009)*, Bilaspur (CG), pp.26-31, October 3-4, 2009.
- Dharendra Pandey, U. Suman, Ramani A K, “Design and Development of Requirement Specification Document for Making Quality Software Products,” *Proc. of National Conference on Intelligent Computing and Information System (NCICIS-2009)*, Bilaspur (CG), India, pp.43-47, October 3-4, 2009.
- U. Suman, and M. Ingle, “[Reverse Engineering of Procedural Systems: An algorithmic approach](#)”, *International Journal of Computer Science & Information Technology (IJCSIT)*, Serial Publications, New Delhi, ISSN 0974-8385, Vol.1, No.1, pp.13-21, Jan-June 2008.
- Dharendra Pandey, U. Suman, A. K. Ramani, “Issues and Impact of Requirement Engineering Practices in Designing Quality Software Products”, *Proc. of National Conference on Architecturing Future IT Systems (NCAFIS’08)*, Indore (MP), India, pp.44-46, 17-18 October 2008.
- U. Suman, D. Abhyankar, H. Mehta, M. Ingle, and A. K. Ramani, “Assessment of Teaching Learning Quality in Higher Education”, *National Seminar on Quality Enhancement in Higher Education*, Khandwa(MP), India, 14-15 December 2007.
- U. Suman, and M. Ingle, “Systematic Software Reuse: Reuse factors, Productivity and Quality”, *Proc. of International Conference on Information and Communication Technology, IICT’07*, Dehradun, India, pp.967-973, 26-28 July 2007.
- U. Suman, “Software Evolution through Reuse Reengineering and Extreme Programming”, *National Conference of Shanti Swarup Bhatnagar Award Winners*, Devi Ahilya University, Indore, pp.28, 8-10 March 2007.
- U. Suman, and M. Ingle, “[Designing Reuse Repository System for an Effective Software Development with reuse](#)”, *PCTE Journal of Computer Science*, Ludhiana, ISSN 0973-4058, Vol.2, Issue 2, pp.38-47, July-Dec. 2006.
- U. Suman, and M. Ingle, “[Towards Development of Quality Softwares using Reuse Reengineering Approach](#)”, *Journal of Computer Science*, Karpagam Educational Institutions, Coimbatore, ISSN 0973-2926, pp.135-145, Sep.-Oct. 2006.
- U. Suman, and M. Ingle, “Architectural Impact on System Development with Software Reuse”, *Proc. of National Conference on Communication and Computational Techniques: Current and Future Trends*, NCCT-2006, Dehradun, Uttaranchal, India, pp.58-62, Feb. 10-11 2006.
- U. Suman, and M. Ingle, “[Performance Evaluation of Procedural versus Object Oriented Programming Technologies](#)”, *Proc. of International Conference on Flexible Systems Management, GLOGIFT-2005, Indian Journals*, ISBN: 81-903397-0-2, Bhopal, India, pp.308-318, 27-30 December 2005.
- U. Suman, and M. Ingle, “Moving Towards Reuse Reengineering Future”, *Proc. of National Conference on IT for Transforming change into Reality, COMPUTING 2005, Computer Society of India*, Indore chapter, Indore, India, pp.17, 14-15 May, 2005.
- U. Suman, and M. Ingle, “Application System Development with Software Reuse Approach”, *National Conference on Mapping for Excellence: Challenges Ahead, Journal of PIPS*, Vol. 2, Indore, India, pp.60-63, 22-23 January 2005.
- U. Suman, and M. Ingle, “Object Oriented Reverse Engineering Approach for Procedural Systems”, *Proc. of International Conference on ICT in Education and Development, AISECT’04*, Bhopal, India, pp.91-97, 16-18 December 2004.

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