

Dr. Abhishek Srivastava
Professor, IIT Indore
Computer Science and Engineering



Education

- Ph.D. – Computing Science, University of Alberta, Edmonton, Canada, 2011
- M.E. – Software Engineering, Birla Institute of Technology, Mesra, Ranchi, India, 2002
- B.E. – Power-Electronics, Nagpur University, India, 2000

Work Experience

- Assistant Professor, Department of Computer Science and Engineering, IIT Indore (June 2012 - continuing).
- Assistant Professor, Department of Computer Science and Software Engineering, Rose-Hulman Institute of Technology, Terre Haute, IN, USA (August 2011 – May 2012).
- Assistant Professor, Department of Computer Science and Engineering, Birla Institute of Technology, Mesra, Ranchi, India (July 2002 – August 2006).

Research Interests

- Service-Oriented Systems
- Dynamic Systems
- Geographically Distributed Development Environments
- Agile Techniques
- Software-as-a-Service

Publications

Refereed Journal Articles / Conference Papers / Book Chapters (in reverse chronological order)

- Abhishek Srivastava, and Paul G. Sorenson. Service Reliability Assessment in a Composition Environment. Lecture Notes in Business Information Processing, Springer-Verlag, Volume 75, pp. 30-45, 2011.
- Abhishek Srivastava, and Paul G. Sorenson. Service Selection Using the Customer Preferences of Non-functional Attributes. Handbook of Research on Non-functional Properties for Service Oriented Systems: Future Directions, IGI Global, 2011, pp. 279-296.

- Abhishek Srivastava, and Paul G. Sorenson. The Validation of a Dynamic Service Composition Model using a Simple Game. In Proceedings of the International Conference on Knowledge Management and Information Sharing (KMIS), Valencia, Spain, October 25-28, 2010, pp. 260-266 [Acceptance rate = 23%].
- Abhishek Srivastava, and Paul G. Sorenson. Service Selection based on Customer Rating of Quality of Service Attributes. In Proceedings of the 8th International Conference on Web Services (ICWS), Miami, Florida, July 5-10, 2010, pp. 1-8 [Acceptance rate = 17.6%].
- Abhishek Srivastava, and Paul G. Sorenson. Utilizing the Waiting-time Criterion for Selecting Services in a Composition Scenario. In Proceedings of the 7th International Conference on Services Computing (SCC), Miami, Florida, July 5-10, 2010, pp. 258-264 [Acceptance rate = 18%].
- Abhishek Srivastava, and Paul G. Sorenson. The Influence of Service Interactions on Individual Service Reliability in a Composition Scenario. In Proceedings of the 6th International Conference on Web Information Systems and Technologies (WEBIST), Valencia, Spain, April 7-10, 2010, pp. 30-39 [Acceptance rate = 12%].
- Xian Chen, Abhishek Srivastava, and Paul G. Sorenson. Towards a QoS-focused SaaS Evaluation Model. Cloud Computing and Software Services, CRC Press, 2009.
- Abhishek Srivastava, Osmar R. Zaiane, and Maria-Luiza Antony. Feature Space Enrichment by Incorporation of Implicit Features for Effective Classification. In Proceedings of the 11th International Database Engineering and Applications Symposium (IDEAS), Banff, Canada, September 5-8, 2007, pp. 141-148.
- Abhishek Srivastava, and S. C. Goel. ARefinement of the Category-Partition Method of Testing. In Proceedings of the National Conference on Software Engineering Principles and Practices (SEPP), Patiala, India, March 3-5, 2004.