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PROFESSOR D.N. GOSWAMI

Professor D.N. Goswami (born June 18th, 1968) obtained his B.Sc.(1986) , M.C.A. (1989) and Ph. D.(2004) from Jiwaji University , Gwalior. He worked in software industry for one year and joined Jiwaji University, Gwalior as Programmer in 1990. He became Reader in 1996 and subsequently appointed Professor in 2004. He has also been nominated as Dean of Engineering Science Faculty and member of Executive Council of Jiwaji University in 2010. He has supervised a number of Ph.D. students. Currently, a number of research students are working under his supervision. He has also been nominated as Associate Editor of International Journal of Systems Assurance Engineering and Management (Springer India) and is on the reviewer panel of a number of Journals such as IEEE.

His areas of research includes Software Quality and Reliability analysis, Relational Data base Management Systems and Data Mining and Networking.

Selected Publications

1. Goswami D.N., Chaturvedi Anshu, Raghuvanshi C.S. , "Frequent Pattern Mining using Record Filter Approach" Published in *IJCSI International Journal of Computer Science Issues*, Vol.7, Issue 4, No.7, July 2010.
2. Goswami D.N., Chaturvedi Anshu, Raghuvanshi C.S. , "An Algorithm for frequent pattern Mining based on apriori" published in *International Journal on Computer Science and Engineering (IJCSE)*, Vol.02., No.04, 2010, 942-947.
3. Kapur P.K., Goswami D.N., Bardhan A.K., "A flexible software reliability growth model with testing effort dependent learning process", published in *ELSEVIER Journal of Applied Mathematical Modelling* , volume 32, issue 7, 2008.
4. Kapur P.K., Goswami D.N., Bardhan A.K., "A General software reliability growth model with testing effort dependent learning process", published in *International Journal of modeling & Simulation*, Vol. 27, Issue 4, 2007.
5. Goswami D.N., Khatri Sunil K., Kapur Reecha, "Discrete Software Reliability Growth Modeling for Errors of Different Severity incorporating Change-Point Concept", published in *International Journal of Automation and Computing* , U.K., volume 4, number 4, 2007.
6. Kapur P.K., Goswami D.N., Gupta Amit, "A Software Reliability Growth Model with Testing Effort Dependent Learning Function for Distributed Systems", published in *International Journal of Reliability, Quality and Safety Engineering Volume 11, No.4, pp. 365-377 (2004)*.

