

## **DR. DURGA TOSHNIWAL - BRIEF BIOGRAPHY**

Dr. Durga Toshniwal is working as Professor at the Department of Computer Science & Engineering, Indian Institute of Technology Roorkee, India. Previously she worked as a Software Consultant in USA for some years and then pursued her research in data mining. Some of the areas of her research interest include – data mining and big data analytics, artificial intelligence, machine learning, urban computing, intelligent transportation systems and smart city, time series data mining, privacy preserving data mining, data stream mining, social media data analytics, applying soft computing techniques in data mining, and text mining, biological and earth science data mining.

Dr. Durga has published her research work in several international journals of repute such as IEEE Transactions, ACM Transactions, Elsevier, Springer, etc. and top international conferences such as NIPS, WSDM, WWW, ICDM, SIGKDD, IJCAI, ICML, IEEE BigData Congress, MLDM, IDEAL , SIGKDD, ADCOM , IEEE DMIN, CIKM etc. She has attended, chaired sessions, delivered invited talks and presented her work in several reputed international conferences in USA, UK, Australia, Europe, and India. She has also given Webinars in the area of Data Mining and Analytics.

Dr Durga has guided 82 M Tech Dissertations, 23 B Tech Projects and 8 PhDs have been awarded under her guidance.

Dr Durga has received various awards and honours. Some recent ones are - IBM Faculty Award 2012 and 2008, Award from UNESCO Chair in Data Privacy 2010, and the very prestigious IBM Shared University Research Award 2009 for her research projects. Her research work has also been featured in DataQuest, the leading IT Magazine in India in the DataQuest issue of Feb 15, 2010 in the article entitled “Towards a Greener Planet”.