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## Editorial

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**Biographical notes:** Rabindra Ku Jena is presently working as an Assistant Professor (Information Technology) at Institute of Management Technology, Nagpur, India. He has degrees in MSc, MTech (Computer Science and Engineering) and PhD (submitted) from Indian Institute of Information Technology and Management, Gwalior, India. He has more than 12 years of experience in teaching and research. He is in the editorial board of many national and international journals and reviewer of various journals from Elsevier, Inderscience, Acta Press, Academy Publisher, etc. He has been included in Marquis' 'Who's Who in the World (2010)'. He is the recipient of 'Shiksha Rattan Puraskar (2009)' from IIFS, Delhi, India. His area of interest includes data mining, soft computing techniques, business intelligence and CAD for VLSI.

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Everyday, enormous amounts of information are generated from all sectors, whether it is business, education, the scientific community, the World Wide Web (WWW) or one of many readily available offline and online data sources. From all of this, which represents a sizable repository of data and information, it is possible to generate worthwhile and usable knowledge. As a result, the field of data mining (DM) and knowledge discovery in databases (KDD) has grown in leaps and bounds and has shown great potential for the future.

DM is a relatively new technology that has not fully matured. Despite this over recent years, DM has been establishing itself as one of the major disciplines in information technology with growing industrial impact. Undoubtedly, research in DM will continue and even increase over the coming decades. There is currently an explosion in the amount of data which we now produce and have access to, and mining from these sources can uncover important information. Among the other areas which are being developed, investigated are hypertext and hypermedia DM, phenomenal DM, distributed/collective DM, constraint-based DM, etc.

In this special edition, a number of technologies, approaches and research areas which have been identified as having critical and future promise in the field of DM are presented. To conclude, my endeavour as an educator is to disseminate research and developments in DM and its application among academic and industry community.