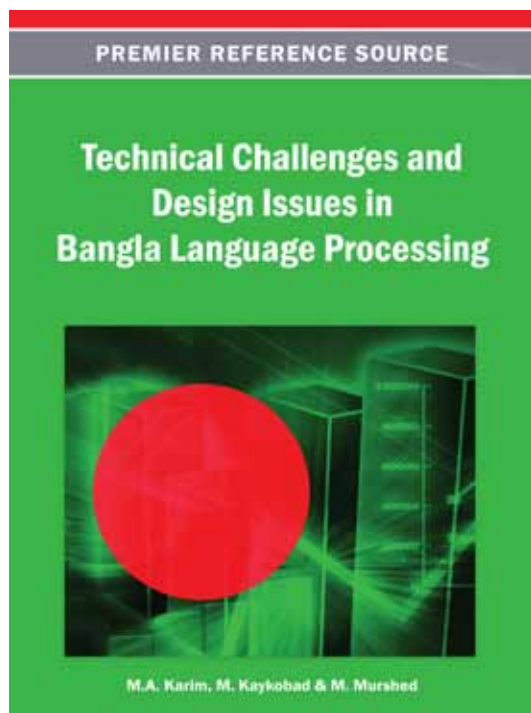


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## Technical Challenges and Design Issues in Bangla Language Processing



M. A. Karim (Old Dominion University, USA),  
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Bangladesh) and M. Murshed (Monash University, Australia)

Many take advantage of software and hardware accessibility in the English language. However, for non native speakers, this inevitably becomes a problem; specifically for the complex Bangla language which is not easily integrated into the world of technology.

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**Mohammad Ataul Karim** is professor of electrical and computer engineering and vice president for research of Old Dominion University in Virginia, with expertise on computing, electro-optical displays and systems, information processing, and pattern recognition. Professor Karim is an elected fellow of the Institution of Electrical and Electronics Engineers (IEEE), Optical Society of America (OSA), Society of Photo-Instrumentation Engineers (SPIE), the Institute of Physics (InstP), the Institution of Engineering & Technology (IET), and Bangladesh Academy of Sciences. He has authored 18 books, 7 chapters, and over 375 research articles. In addition to being the Editor of *Optics & Laser Technology* and an Associate Editor of the *IEEE Transactions on Education*, he guest-edited to-date 33 journal special issues. Karim received his BS in physics in 1976 from the University of Dacca, Bangladesh, and MS degrees in both physics and electrical engineering, and a Ph.D. in electrical engineering all from the University of Alabama respectively in 1978, 1979, and 1981.



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