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## From the Editor's Desk



Dear Readers,

Time flies! It's almost a year since Visleshana was conceived. It's been a pleasure evolving it into the flagship publication of CSI SIGBDA and present this fourth issue of the magazine. Thanks to the help of everyone involved, we have been able to keep the quality of the publication substantially high. Through the process of reviews and friendly guidance, we are able to encourage scientific approach among the authors. One of the authors of an article in the previous issue remarked in his reply, "It is indeed a great learning experience for us to improve the Article for Visleshana. It turned out to be a (full-fledged journal) paper!"

Indeed, the plainly written word document they submitted originally ended-up being written in Latex, with a lot more rigor and detail and adhering to the template recommended for this publication. Same happened with one of articles submitted for this issue as well. The authors worked diligently to substantially enhance their work, based on the review comments and evolved it into a scientific paper in Latex format from the original word document.

We are now running a plagiarism check on submissions and either rejecting the submissions in case of substantial overlap with the existing literature or having any plagiarism issues rectified, before publishing the articles. We have also incorporated a copyright transfer process for the published articles. The format of the articles has already been standardized starting with the previous issue.

For the first time, we already have a substantial article in the pipeline accepted for the next issue. In fact, we received a few articles, which had to be rejected because of their relative quality. With the participation of the researchers all over the world, we hope to maintain and further enhance the standards of the publication in terms of quantity and quality.

We are now utilizing the services of the issuu website to provide our readers a book-like reading experience online. All the issues of Visleshana can now be read like physical magazine copies at <https://issuu.com/visleshana>.

Security is of utmost importance, when it comes to Big Data. We are fortunate to feature Prof. Salman's framework for security of stored data in this issue. The framework is unique in taking the characteristics of Big Data, such as Volume, Velocity, and Variety into perspective when designing a security solution.

Storage is a challenge with the humongous quantities of Big Data. Inside, you can find how compression techniques help in meeting this challenge, while maintaining substantial fidelity. Mining emails to facilitate investigations, automating medical diagnosis from Big Data, and a report on NASSCOM's deliberations on enhancing Data Science skills in India are the other topics presented inside.

Happy Reading!

With Every Best Wish,

Vishnu S. Pendyala

Tuesday, July 4, 2017  
San Jose, California, USA