

“Big Data Analytics: Trends Shaping the Future in Academics and Industry”

Vision Statement

The aim of this workshop is to focus on the new dimensions of scientific innovations in the domain of BIG DATA ANALYTICS and relating this trendy fashion of Big Data with in depth understanding of mathematic/ statistics and computer science, which can handle the technical challenges at large in business and society.

The term BIG DATA is a lot more trendy term in recent years than “knowledge” or “information” or “wisdom”. With so much of business emphasis on data, the other options got the back seat. Little is being said on why organizations might or might not need it, and where this little whole movement is rooted or even the origin of the domain of the data science. Fast backward to the past decade, and not to get into too much of detail, the trends that started prevailing in education around that time were shaping by the philosophy of pragmatism or industry ready – and still are. When young people make their educational choices based on this thinking, they in general end up doing the degree with a narrow mindset to get the job in the IT sector or related areas with initial lucrative offers. This generality is focused in the Indian context, where even at the peak of IT age, our main focus was on the service sector and not on technical aspects of IT. This narrow mind set of education looks like a reasonable way to get fast money for initial years of professional career. With such philosophy in designing the educational program we tend to forget the depth of “knowledge”, breath of “information” and “wisdom”. And here is a trap, we are fixated with the trend of BIG DATA and technical experts and businesses want to squeeze all they can out of their limited technical universe. It’s neither good nor bad just too narrow. Like other parts of the world, India is building up scientific and technical expertise in the domain of Big Data Analytics. With such diversity and huge size in every aspects of life, we are self-sufficient to become knowledge power house technically and scientifically in the domain of big data science.

Big Data Analytics Center at Shiv Nadar University aspires to become a technical and scientific research hub with the growing demands in the different directions of life with varying requirements. The proposed organization of one day workshop is such an attempt to invited renowned scientist and technical experts from academics, industry and Government for talks and discussions to understand the future trends in the domain of big data analytics.