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| ***Computer Society of India , Trivandrum Chapter*** | |
| **One day workshop on Big Data Analytics**  **Select Into Big Decisions From Big Data** | |
| **Date: 25th October, 2014 (Sat)  From 9.00 am to 5.00 pm**  **Venue: Hotel Residency Towers,** Near South Gate, Secretariat, Press Road, Statue, Thiruvananthapuram. | |
| **Introduction:** | |
| In the era of volatile markets and intensifying competition, it is important for all enterprises to leverage data to derive actionable insights. However, the volume, velocity and variety of data make it difficult for enterprises to decipher the same, using traditional data processing applications. These systems pose a lot of challenges in data analyses, which include analysis, capture, curate, search, share, store, transfer, visualize, and protect user privacy. Big Data Analytics helps enterprises to meet these challenges, through collecting, correlating and analyzing data to derive insights for supporting important business decisions. This one day workshop aims to help participants gain practical knowledge of Big Data Analytics using Hadoop, Map Reduce etc. | |
| **Pedagogy:** | |
| Will consist of theoretical sessions to enable participants to understand the conceptual base and programming exercises to reinforce the learning. Participants are required to bring their own laptops. | |
| **Course Contents:** | |
| **Introduction to Big Data** - Distributed Computing - Hadoop 1.x Ecosystem - Deploying a Hadoop cluster  - Demonstration of a Hadoop example with scalability (Word count)  **Hadoop Programming Examples** - Map Reduce  - Hive SQL - PIG Scripts | **Data Sciences for Big Data** - Intro to data science Concepts - Examples **Big Data Architectures and Industry use cases**  - How Flytxt uses big data  - How other players like Facebook and twitter use Big data  **Conclusion** |
| **Training Prerequisites:** | **Who Should Attend:** |
| * Basic understanding of SQL | * Database based Application Developers |
| **Faculty Profile** | |
| **Mr. Prasanth Sasidharan, Flytxt**  Prasanth is an expert in Data Analytics using Hadoop and also in process automation using Python and Hadoop administration. He has extensive experience on QA of Hadoop based applications and administration of large Hadoop clusters.  **Mr. Jobin Wilson**  Jobin heads Data Sciences at Flytxt. He is also Big Data Product Architect and was responsible for architecting and developing Flytxt’s big data platform. He has many publications in data sciences and patents filed in his name.  **Mr. Ranjith Uthaman**  Ranjith is an ace developer at Flytxt with extensive experience in development of applications that leverage big data technologies including Map Reduce, Hive and PIG. | |
| **Registration Fees:** | |
| * CSI/IEEE Student Members - **Rs. 1500**/- Per Participant * CSI/IEEE Members/Students -**Rs. 2500**/- Per Participant * General Public **Rs. 3500**/- Per Participant            All payments should be made by DD/Cheque in favor of **"CSI Trivandrum Chapter"** Payable at  Thiruvananthapuram or by cash | |
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| **(Batch size : 30 participants only. Please confirm your Registration by Phone or Email.)** | |