

**Department of Computer Applications**  
**Thiagarajar College of Engineering, Madurai – 15**

**Industry Academia Innovative Practices**

The Department of Computer Applications has conducted an One credit course on "Big Data Analytics-14CAP10" for II year MCA students (IV Sem) on 27<sup>th</sup> March (Saturday) and 28<sup>th</sup> March (Sunday). 2016.

The aim of the course is to provide Awareness, Knowledge and Hands-on practice in the domain of Big Data Analytics. **Mr. K. Sabarinathan**, Assistant System Engineer from **Tata Consultancy Services**, Chennai has accepted to deliver lectures and provide Hands-on Training in this course.

A total of 26 students have registered for this course and gets benefited out of it. The course content includes

- Hadoop Introduction
- Map Reduce Hands on
- Hadoop Handson
- Sqoop in Bigdata
- Hive and its applicability in Hadoop and Big data analytics

The students have got an in-sight on how to apply Hadoop in big data analytics. This two day programme has also provided the following outcomes

- Projects done by students in Hadoop
- In-Plant training on Hadoop
- Industrial best practices on Big data

<b>Day/Sessions</b>	<b>SESSION I 9.00 – 10.45 AM</b>	<b>10.45 – 11.00AM</b>	<b>SESSION II 11.00AM – 12.45 PM</b>	<b>12.45 – 1.45 PM</b>	<b>SESSION III 1.45 – 3.30 PM</b>	<b>3.30 – 3.45PM</b>	<b>SESSION IV 3.45– 5.30 PM</b>
26-03-2016	Overview of BIG DATA	<b>TEA BREAK</b>	Hadoop in a Nutshell	<b>LUNCH BREAK</b>	An impression on Map Reduce	<b>TEA BREAK</b>	Map Reduce Hands on
27-03-2016	Demonstration on Map Reduce		Hive & its applicability in Big DATA analytics		Sqoop in BIG DATA		Demonstration and Recap Feedback