COURSE TOPICS

- **Talend** installation
- Overview of **Talend** architecture
- Creating project and import/export project
- Overview about Repository, Designer, Pallete
- Explanation about different type of components and its settings
  450 components has been divided into 21 types
- Creating different types of Jobs   - Master jobs / Child jobs / Quality jobs
- Mapping Data flows
- Declaration of local and global Context variables
- Execution logging and Data Viewers
- Applying security with hashing technology
- Export & Import the jobs
- Different types of deployment
- Scheduling the jobs with batch file and shell script
- Routines development
- Using SQL Templates
- Introduction to Components development
- Overview about Big Data Components and MongoDB components

Day wise plan

Day	Topic
1	Talend Introduction
2	Talend Architecture
3	File Components (Management)
4	File Components (Input & Output)
5	tMap Component
6	tMap Component
7	Context & Global variable
8	Project on File Components

9	Logs & Error Components
10	Processing Components
11	Internet Components
12	Data Quality components
13	Miscellaneous components
14	Custom code components
15	Introduction about Database
16	Database components
17	Database components
18	DB SCD components
19	ELT components
20	Project on DB Components
21	Orchestration components
22	Global context variables
23	Preparation of Master Jobs
24	Parsing values one job to another
25	Routine Development
26	Introduction about Components Development
27	Export & Import Jobs
28	Deployment of jobs
29	Talend Administration center
30	Talend Administration center