**Manipal Institute of Technology, Manipal**

**Department of Information & Communication Technology**

**Subject: Business Intelligence [ICT- 4101]**

**VII Sem B.Tech (I.T.) Assignment I**

1. **Explain the factors driving BI. Discuss any one case study on how BI has helped organization to improve. State the key capabilities of BI**
2. **Why use computerized decision support. Discuss the phases of decision making process. Diagrammatically represent The Business Pressures-Responses-Support model**
3. **Diagrammatically represent Framework for Business Intelligence. Discuss any 4 critical success factors of BI implementation. Define (i) ODS (ii) CRM**
4. **With the help of a neat diagram, explain the ETL process. Discuss hub and spoke architecture. List the six guidelines to be considered when shortlisting a vendor list.**
5. **Explain any 4 contrast between EDW and data mart approach. State any four issues to be considered when developing a successful data warehouse. Define (i) Alert systems (ii) Exception reporting**
6. **List any 4 differences between traditional and active data warehousing environments. Discuss any 4 characteristics of OLAP tools. Discuss the MicroStratergy’s classification of BA tools.**