A REPORT
By GTU - Sankul Activity – Zone 2.

FDP ON

LATEX AND DATA -INTENSIVE TECHNOLOGIES FOR CLOUD COMPUTING

AT
GROWMORE FACULTY OF ENGINEERING
ON
26TH, APRIL 2016.

ORGANIZED BY: COMPUTER ENGINEERING,
INFORMATION TECHNOLOGY

GROWMORE FACULTY OF ENGINEERING
As a part of GTU Sankul activity, department of Computer and I.T Engineering, Grow More Faculty of Engineering had organized one day FDP on “Documentation with Latex” and “Data-Intensive Technologies for Cloud Computing: Map-Reduce Programming.

First FDP session on LATEX is very useful for faculty and students. Approximately 45 members took the benefit of this event.

**CHIEF EXPERT**

Dr. Vibha D. Patel  
Sr. Associate Professor, Nirma University,  
Ph. D. from IIT-Kanpur in Computer Engineering

On 26th April 2016, at 11:00 AM, Dr. Samir Patel, Principal-GMFE. Welcomed the expert and session was handed over to the Expert.

**SESSION-I (11:00 AM to 1:00 PM):**

Documentation with Latex

Topics Covered –

- Basics Commands
- Document Structure
- Running LATEX
- Controlling Appearance
- Making Lists Fonts, Symbols, quotations and footnotes
- Adding Structure Sections
- Tables, Figures and Equations
- BIBTEX

**SESSION-II (2:00 PM to 4:10 PM)**

Data-Intensive Technologies for Cloud Computing: Map-Reduce Programming
Topics Covered -

- Introduction
- Characterizing data-intensive computing
- Challenges of cloud computing
- Map Reduce Programming Model
- Data Locality optimization
- Design of HDFS
- HDFS Federation
- Hadoop Configuration

**FDP Participants:**

All Faculties of GMFE, GMFDE, MBA, MCA, MSC IT, BCA of Grow More Foundation, 5 Faculties of APMC college of Pharmacy, Himatnagar and M.E. CE Students of GMFE.

First session was very helpful for faculty members and PG students for improving documentation skill with Latex.

Second session was very helpful for PG Students for their future research work.

FDP session ended by vote of thanks by Dr. Samir B. Patel, Principal of Grow More Faculty of Engineering.

**PHOTO GALLERY**
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