

# Faculty Development Program

## On Data Structures

Faculty Development Program on “**Data Structures**” was conducted successfully on **22<sup>nd</sup> – 23<sup>rd</sup> Jan 2016** at **IMSEC**.

**Professor A.K Biswas** from **IIT Delhi** was invited as a resource person to conduct the FDP.

**Prof. Biswas is** a distinguished Professor at IIT Delhi with more than 40 years of rich experience as academician & researcher. He is currently associated as Emeritus Faculty in the department of Computer science engineering at IIT Delhi.

His current area of research interest is image and video processing, machine learning with applications in human activity recognition and bio-informatics.

The **objective** of the FDP was to help faculty members understand the correct delivery methods for the contents of data structure course during classroom teaching.

Faculty members of three departments namely **Computer Science, Information Technology, Electronics & Communication** attended the FDP.

### Day 1:

- Introduction
- Recursion & its applications
- Asymptotic notations for analyzing algorithms
- Linked list & its applications
- Searching & Sorting Techniques

### Day 2:

- Time Complexities of algorithms
- Stacks & Queue
- Trees & real time applications

- Practical implementations in C

He also encouraged young faculty members to go for PhD course. He gave his useful inputs on how to select a research topic & approach a research supervisor.

