

DATA STRUCTURES AND ALGORITHMS BEHIND AUTO SUGGEST

A workshop on Data Structures and algorithms behind Auto-Suggest was conducted for the Second year students of Information Technology Department on 28/08/2015 which was organized by the Aspire Club.

The workshop was facilitated by the Being Zero team which turned out to be ingenious and inspiring for all the students.

The duration of the first session of the workshop was for about 3 hours. The session started at around 9:30 in the morning.

The facilitators started the session by narrating a story of an engineering student who had similar academic problems as all the students have. They explained the students how simple programming actually is and how they could overcome their problem by following the session properly.

The students were brushed up with all the basic concepts of C language that were required for that session. The session was a complete interactive one where each and every student could answer to the questions asked and they could win a chocolate for every right answer.

The aim of the session was to code a program for Auto-suggest. The program was divided into 3 sub-parts and the students coded the first two sub-parts of the program insert subroutine and auto suggest in the first session completely with full knowledge and reason of every line of code they wrote. The students could clear every single doubt they had regarding the code as it was a hands-on workshop.

The second session of the workshop started at around 1p.m. In this session the students coded their third sub-part printing all the words of the program and tested their whole program.

The Being Zero team was successful in inculcating confidence in students that they could code to any given problem when they are strong in the basic concepts of the subject.

The students found the whole duration of the workshop to be both interesting and informative as the team of Being Zero conducted the session in a perfect way to the students.