G.NARAYANAMMA INSTITUTE OF TECHNOLOGY &SCIENCE

DEPARTMENT OF CSE

A Report of Guest Lecture on "Data Structures and Algorithms"

Date: 21/01/2019

A Guest Lecture on "Data Structures and Algorithms" is organized for II year CSE students by GNITS CSI Chapter, Department of CSE, on 19/01/2019 from 11:00 a.m.to 01:00 p.m.by Mr.DSK Chakravarthy, Manager, Virtusa, Hyderabad.

In the guest lecture, the speaker has given an idea on Basic Data Structures like Primitive, Non Primitive or Composite and Abstract data types. The speaker covered different topics on Primitive Data Types like Boolean, Character, Floating Point, Fixed Point, Integer, Enumeration and Reference and in Non-Primitive the topics like Array, Structured/Tuple/Record and Union or Variant. The speaker has delivered the topics on Abstract data types like container, List, Multi-Map. Multi-Set. Stack, queues and Graphs.

The speaker has discussed about the operations that are used in Data Structures, linear Data Structures and gave explanation in different types of arrays like Bit Board, Dope Vector, Parallel Array, Array of Structures (AoS), Structure of Arrays (SoA) and Self Organizing List.

The Guest Lecture facilitated the students to acquire knowledge on Data Structures and its real time applications. The concepts of this lecture has enhanced the knowledge of students and made the session interactive by performing some practical tasks. More than 144 Students attended and expressed their satisfaction for the conduction of the resourceful Guest Lecture.

CSI Coordinator(s)

Mrs. P. Sunitha Devi Builte 2 1/1/19

Mr. A. Sharath Kumar AV-Mrs. G. Varsha

