

KRISHNA ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON GUEST LECTURE

A guest lecture was held on 15 February'17 at P2P Hall as per the following details:

Name of the Speaker : **Dr. Gazala Habib**
Title & Affiliations : **Assistant Professor (IIT Delhi)**
Topic : **A Case Study on Particulate matter Pollution in Delhi: Impact on Local Air Quality and Health**

The lecture was attended by students of B.Tech in Civil Engineering of all years starting from 2nd year.

The lecture covered the definition, different sources and harmful effects of particulate matter. In particular speaker shared about the generation of particulate matter from vehicular exhaust and different industries all around the Delhi region. Actually aerosol is generated in large amount in the industries which is very harmful for the environment. Besides, the speaker discussed and compared the case study of particulate matter pollution that was conducted at IIT Delhi and NIT Hamirpur campus. The speaker also compared the impact of particulate matter on local air quality and its effect on the health of residents in Delhi. The lecture was quite beneficial as it discussed about the smog problem which Delhi experienced few months back.

Dr. Gazala stressed upon the impact of particulate matters on air quality and concluded from a case study that some measures should be taken in order to improve the air quality of Delhi. Added to this, she emphasized on the ban of some industries producing health hazard substances otherwise it will be a big threat to control the particulate matters growing day by day in the atmosphere.

The lecture was found very informative by the students and faculty as the particulate matter is the key problem for the increasing pollution of the atmosphere and due to this the health of the residents are deteriorating rapidly. Moreover during this lecture few measures were discussed in order to cope with the huge problem of air pollution.

Dr. Anoop Singh
HOD, CE

