



G H Patel College of Engineering & Technology, V. V. Nagar



Department of Civil Engineering

Report on

Expert talk on “The Relationship between Architecture and Civil Engineering”

Department of Civil Engineering, GCET had organized an expert talk on “The Relationship between Architecture and Civil Engineering on 14th September, 2019 by Prof. Preety Shah, Principal, Shantaben Manubhai Patel School of Studies and Research in Architecture & Interior Design, Anand.

AIM:

The main aim of the expert talk is to aware the students about the role of Architecture in construction industry as the infrastructure is growing very fast in the country. Also, to make aware about the role of Architecture in urban planning and to aware the students regarding environmental challenges in urban planning.

About the Talk:

Prof. Preety Shah delivered the lecture on relationship between Architecture and Civil engineering. She explained the importance and role of Architecture in construction industry. She explained why “Architecture is mother of all arts”. She focused on the function of the building should be maintained by Concept, Preliminary design, Design developments, Final design and working drawings of the building. She explained all the principles of architecture composition in detail with the necessary drawings. She explained how civil engineers and Architects work hand in hand by showing the flow chart of the work distribution of the construction of buildings.

Prof. Preety also discussed about the objectives of town planning, Historical aspects and origin of Anand town. She informed the students about the Anand-Viallabh Vidyanagar-Karmasad Urban Development Authority and their works. She discussed Master plan, Regional Plan, City Development plan and Area development plan in detail with all the necessary drawings. She brief about the necessary survey requires for urban planning. She discussed the fundamental principles of town planning related to Anand and how the development of town is taking place and how various parts of the town are developed in radial pattern. She discussed the land uses, zones, and road network of Anand town.

She finally discussed about the environmental challenges for the urban development of the city. She explained the key environmental problems which includes the urbanization process itself, the environment and ecology of the fringe area, lack of adequate information on the ecosystem in urban planning and the interaction of climate change in the cities.