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Guest Lecture organized by Civil Engineering Department 2019-2020

A Guest Lecture on ‘Smart and Sustainable Cities in India - The Infrastructure Requirements’, on 8th November, 2019

A Guest Lecture on ‘Smart and Sustainable Cities in India - The Infrastructure Requirements’ was organized by the Department of Civil Engineering, MVJCE, on 8th November 2019, at 1:00 pm, in Dr. M V Jayaraman Auditorium. Around 150 students, faculty members and non-teaching staff of the Civil Engineering Department participated in this program. The objective of the session was to introduce to students, the concept of Smart and Sustainable Cities. Smart City is an urban renewal and retrofitting program by the Government of India. A smart city is one that is highly developed, innovative, environment-friendly, and one that incorporates relevant aspects of the economy, technology, mobility, quality of life and other aspects that contribute to the well-being of its residents.

In the approach to the Smart Cities mission, the objective of the government is to promote cities that provide core infrastructure, and give a decent quality of life to its citizens, a clean and sustainable environment, by the application of smart solutions. The focus of the mission is on sustainable and inclusive development, and the idea is to look at compact areas, and create a replicable model which will act like a beacon of light to other aspiring cities. The development of a smart city involves understanding the aspects of planning, development, challenges and finances.

The Guest Lecture started with the arrival of the dignitaries on the dais. The dignitaries present were Prof. M N Sreehari (Advisor to the Government of Karnataka for Traffic, Transportation and Infrastructure; Chairman, Indian Smart Cities Development), Dr. Nagaraj Sitaram (Principal, MVJCE) and Prof. Muralidhara R (Head of Civil Engineering Department, MVJCE). The Master of Ceremony was Prof. Apoorva Kiran (Assistant Professor, Department of Civil Engineering) who delivered the welcome address, welcoming the Chief Guest, Principal, dignitaries on and off the dais and the gathering. Prof. Dakshayani T R introduced the Chief

Guest to the gathering with a brief Introduction about him. The opening remark was given by Principal, Dr. Nagaraj Sitaram.

The session was then taken over by the Guest Speaker Prof. M N Sreehari. He started with an introduction on Smart and Sustainable concepts, and its implication on the design. He shared his experiences as the Chairman, Indian Smart Cities Development, the challenges faced during the approval, planning of cities as Smart Cities, Bengaluru being one of them.. He gave many examples of well-planned cities and their advantages, which stood out in contrast to the prevailing infrastructural problems of many cities in India. He presented many images of futuristic plans of a Smart City utilizing smart and sustainable concepts. The session culminated with a Q/A session, where students clarified their doubts. Overall, the session was very interesting and informative.

The vote of thanks was proposed by Prof. Apoorva Kiran, extending gratitude to the esteemed Chief Guest, to the Principal for his constant support and encouragement, and to Prof. Muralidhara R, Head of Civil Engineering Department for his valuable suggestions and cooperation. She also thanked the faculty, non-teaching staff, technicians and all participants.

Outcome of the Event:

The session was thought-provoking. It set a perfect platform for students, encouraging them to think smart and sustain. The lecture provided a lot of information on Smart Cities, a concept which has been envisaged by the Government of India. The session helped the participants to understand the various challenges involved in Smart City development. It gave an insight into the design of the various components of Smart City development.



Engineering A Better Tomorrow

(An Autonomous Institute)

Guest Lecture on

" Smart and Sustainable Cities in India- Infrastructure Requirements"

organised by

Department of Civil Engineering

Chief Guest

Prof M. N. Sreehari

Chairman, Indian Smart Cities Development
Adviser, Traffic Transportation and Infrastructure, Govt. of Karnataka

Presided By

Dr. Nagaraj Sitaram

Principal, MVJCE

Prof M. Brindha

Vice Principal, MVJCE

Venue: Smt. Rajalakshmi Jayaraman
Seminar Hall

Date: 08-11-2019 @ 01:00 PM



Participants at Guest Lecture on 'Smart and Sustainable Cities in India-The Infrastructure Requirements' organized by the Department of Civil Engineering, MVJCE on 8th November 2019.



Principal Dr Nagaraj Sitaram and Head of the Civil Engineering Department Prof Muralidhara R welcoming the Guest, Prof M N Sreehari.



Principal Dr Nagaraj Sitaram addressing the gathering.



Guest Speaker Prof M N Sreehari delivering his lecture on 'Smart and Sustainable Cities in India-The Infrastructure Requirements'.

