SRI VENKATESWARA COLLEGE OF ENGINEERING

(AUTONOMOUS - Affiliated to ANNA UNIVERSITY, Chennai)

Sriperumbudur tk- 602 117

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Solicit your esteemed presence for the

GUEST LECTURE

on

"IoT based Automation for Smart Cities"

by

Mr. PREM KUMAR SELVARAJ

Manager - Automation Division
Hydrotek Engineering Co.,
KUWAIT

ALL ARE WELCOME

Venue : Biotechnology Conference Hall

Date : 9th August 2019 (Friday)

Time : 10.45 AM to 11:30 AM

Name of the department: Electrical and Electronics Engineering

Title of the event   : Guest lecture on "IOT based Automation for Smart Cities"

Date   : 09/08/2019

Venue   : Bio-Tech Conference Hall

Resource Person: : Mr.Prem Kumar Selvaraj, Manager-Automation Division,
                                   Hydrotek Engineering

Program details:

The resource person delivered a lecture on Automation for Smart Cities using Internet of Things. He gave a brief introduction on Hydrotek Engineering which is a leading integrated MEP service provider with over 15 years of experience in providing expert solutions in the building, industrial and infrastructure segments. It has built for itself, an enviable reputation for being top in all MEP needs, with a strong record of delivering several projects in Kuwait.

Automation is the bedrock of the smart city framework. Surveillance, monitoring & timely feedback is critical for smart city systems to work. IoT is enabling the ecosystem and infrastructure development for this with tools that automate data collection, provide timely inputs & action triggers for improving governance. He listed some IoT applications for smart cities:

1. Water Level Monitoring:
2. Health Cards:
3. Waste & Garbage Management:
4. Transport Systems:
5. Smart traffic management:
6. Infrastructure Assets Management:
7. Surveillance Systems:
8. Pollution control with sensors:
9. Smart Energy management:
10. e-Services:

AEEE Coordinator   **HOD/EE**

S ANITHA, AP/EE
Co ordinator

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