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**04.03.2020**

**IEEE Student Branch Activity Report for February 2020– Training on “Role of IoT in Smart Grid” for NLC Executives**

Department of EEE and Department of Management Studies, NIT Tiruchirappalli in association with IEEE Student Branch of organized a training programme for NLC executives on 19.02.2020 in the topic “Role of IoT in Smart Grid”. Dr. M.P. Selvan, Counselor, IEEE SB NIT Tiruchirappalli handled a session on “Applications of IoT in Smart Grid” where he briefed about the basics of IoT and smart grid and described about the applications to the participants. Dr. S. Moorthi, Assoc. Prof., EEE Dept., NIT Trichy gave a talk on “Embedded Controllers for Power Applications”. Demonstrations of real-time applications such as ‘Environmental Quality Monitoring using IoT’, ‘Home Energy Management System’, ‘Smart Metering’, ‘Smart Street Lighting’, ‘Fault detection in transmission lines’ were also given by the research scholars of Hybrid Electrical Systems Lab to the participants.

The snapshots of the event can be accessed in the following link: <https://drive.google.com/open?id=12CCuelYJTzzrsNuOqFCG-FgOdXpuXiho>

