



Report on TEQIP-III sponsored expert lecture on "IOT Applications in Smart Cars and Smart Health Monitoring"

Computer and Electronics Engineering Departments, jointly organized an expert lecture on was "IOT Applications in Smart Cars and Smart Health Monitoring", at LRUC hall, BVM Library, on Saturday, 20/1/2018, during 11.30 AM to 1.00 PM, with an industry expert Mr. Bhaskar Trivedi from E-Infochips, as an Industry Institute Interaction activity under TEQIP-III. The Information Technology and Electronics and Communication departments also participated at organizing the program, under the banners and academic partnership of

1. ISTE Chapter BVM
2. ISTE Students' Chapter BVM
3. I.E. (I) Electronics Engg. Students' Chapter

The lecture was inaugurated by the principal sir Dr. I N Patel BVM engineering college.

The expert lecture was delivered by Mr. Ankur Devani, Mr. Hemanh Bhimani and Mr. Bhaskar Trivedi from E-infochips, Ahmedabad.

The team of expert engineers from E-Infochips illustrated the basic IoT Architecture with its different layers, its different energy saving protocols such as 6LoWPAN, Constrained Application Protocol (CoAP), Message Queue Telemetry Transport (MQTT), LORA, SIGFOX, Z Wave etc. Issues such as Operating System support and security aspects were also discussed in good detail.

The E-Infochips team also demonstrated a good number of IOT boards they had brought with them, illustrating their functioning, for applications in Smart Cars and Health Monitoring in near future, and for home or industry automation applications.

The lecture gave a deep insight to students in the development of IOT based projects and evoked a great interest amongst them and was summed up with a live question-answer session. Nearly 80 students participated from CP,EL,EC and IT departments. Many heads and faculty members from various departments were also present. Prof. S A Bakhru Computer Engineering department, Dr. Deepak Vala, Electronics Engineering Department, Prof. Chintan Mahant from IT and Prof. Hiren Patel from EC departments coordinated the program.

Event Photographs



Report prepared by:

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Prof. Hiren Patel from EC departments,

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