A
Report
On
One Day Workshop on "Wireless Sensor Networks"
Under
"Mobile and Wireless Technologies Club"
Patron

Dr. Latesh B. Chaudhari

Faculty Coordinators:

Prof. Narendra V. Jagtap

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Student Coordinators:

Mr. Anand Patel

Ms. Sweta Rajput

Mobile and Wireless Technology Club Members at FETR, Bardoli

Mobile and Wireless Technologies Club (**MWTC**) at Faculty of Engineering Technology & Research(F.E.T.R.), Bardoli has organized One Day Workshop on "Wireless Sensor Networks" on 25th January 2014. The workshop was aimed to provide knowledge about Wireless Sensors and Wireless Sensor Network (WSN) and the working environment of WSN. Almost 55 students and 18 faculties from Computer Science & Engineering &Electrical Engineering have participated in the workshop.

WSN Workshop at FETR, Bardoli   Welcome Speech by Ms. Sweta Rajput

The Schedule of the workshop:

Session 1: Expert talk on Introduction of the Wireless Sensor Networks
Session 2: Expert talk on Introduction to TinyOS
Session 3: Installation and Basic of TinyOS
Session 4: Applications of TinyOS
Session 5: Security Module in TinyOS
Session 6: Question-Answer

The workshop started with inaugural function at 10:00 A.M. The Inaugural session begun with prayer by the college students of FETR, Bardoli. The student coordinator Ms. Sweta Rajput welcomed Dr. Latesh B. Chaudhari (Principal of FETR), Invited Expert Mr. Himanshu Patel (Jr. Research Fellow at SVNIT,Surat), Prof. Bhavini Bhatt (Head of Comp. Sci. & Engg. Dept. at FETR), Prof. Narendra V. Jagtap (MWTC Coordinator), Prof. Dharmishtha R. Chaudhari (Faculty Coordinator), Students and faculties for the workshop.

Inaugural Function   Introductory Speech by Dr. Latesh B. Chaudhari

Dr. Latesh B. Chaudhari gave an introductory speech and talked on the objectives of the workshop as well as objective of MWT Club. Sir also shared his views on importance of technical activities in development of student carrier and motivated the participants in such kind of events. The Introduction of the invited expert Mr. Himanshu Patel was given by the student coordinator Mr. Anand patel.

Introduction on WSN by Prof. D. R. Chaudhari   Introduction to TinyOS by Mr. Himanshu Patel

The first session of expert talk started at 10:30. A.M by Prof. Dharmishtha R. Chaudhari. She started with introduction of Wireless Sensor Networks, its characteristics and applications. She discussed different operational models, design considerations for WSN, Working platforms and open issues in WSN. The second session of expert talk started at 11:45 A.M. by Mr. Himanshu Patel. He explained

working environment for WSN as well as operating system TinyOS with its basic understanding.

Participants of Workshop   Participants of Workshop

The afternoon session of Hands-on started at 2:00. P.M. where the participants provided with laboratory sessions on TinyOS - Installation, Basic commands, exercises related to WSN. The participants also tried various demo applications provided by Mr. Himanshu Patel.

At the end of workshop, material (DVD of setup, PPT) regarding workshop was given to the participants. The participants also provided the certificates by Mr. Himanshu Patel. The concluding speech was given by Prof. Dharmishtha Chaudhari.

Laboratory Session   Price Distribution