

National Education Society (R.)



Jawaharlal Nehru National College of Engineering, Shivamogga

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Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



IoT, a Hands-on approach



Institute of Electronics and Telecommunication Engineers, Shimoga centre in association with Departments of Electronics and Communication & Telecommunication Engineering of Jawaharlal Nehru National College of Engineering, Shivamogga organized a Two days National Level Workshop on " **IoT, a Hands-on approach** " on 4th and 5th of November 2017. Inaugural function of the workshop was held on 04.11.2017 at 9.00AM in the Seminar Hall of JNN College of Engineering Campus.

The function was presided over by Dr. H. R. Mahadevaswamy, Principal, JNN college of Engineering, Shivamogga. Sri. S N. Nagaraja Secretary, National Education Society, Shimoga was the chief guest and Prof. H. K. Harish, Chairman, IETE Shimoga centre, Dr. P. Manjunatha, Hony. Secretary Dr. Ushadevi M. B., Member, IETE Shimoga Centre were on the dias. Sri. A. S. Vishwanatha, President, Sri. T. R. Ashwathanarayana Shetty Vice President, Sri. C. R. Nagaraj Treasurer National Education Society also attended the function. The workshop was coordinated corporate members Mr. Sharath S M, Mr. Pradeepa S C, Mr. Benak Patel M.

The following topics were addressed in the Workshop

- Basic programming using Arduino and NodeMCU
- Sensors and its applications
- Interfacing of sensors, Bluetooth and GSM with Arduino
- Introduction to Raspberry Pi and IoT
- Lab session on programming Raspberry Pi using PYTHON

About 60 students studying in ECE/TCE/EEE/CSE and ISE departments of Engineering and polytechnic colleges of Karnataka actively participated in the workshop and largely benefitted.

The workshop was concluded with valedictory function on 05.11.2017 at 4.30 PM. During the feedback session students expressed that they got an opportunity to learn what is IoT? and its vast application in day to day life and in industries.