



JEPPIAAR ENGINEERING COLLEGE
(A Christian minority institution)
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai 600119



**Two Days National Level Workshop on “INTRODUCTION TO ARDUINO
ROBOT PROGRAMMING & ABB PROTOCOL DESIGN” on 5TH & 6TH
MARCH 2015**

The Department of Electronics and Instrumentation in association with ISA Student Chapter conducted a two days National level Technical workshop on "Introduction to Arduino Robot Programming & ABB Protocol Design" at Jeppiaar Engineering College on the **5th & 6th of March, 2015**. The workshop was attended by **99** students (46-ISA members, 38-non-ISA members and 15 other college students). The workshop, was inaugurated in the presence of our beloved Director Madam Mrs. M. Regeena Jeppiaar, chief guest Dr. Vimala Juliet, Principal Dr. Sushil Lal Das and our Head of Department Dr. G. Sathyabama. The participants were from ISA, 2nd & 3rd year of Jeppiaar Engineering College and from other colleges.





Felicitating Director Madam



Felicitating Principal

The **Executive Committee Members** for the year 2014 - 2015 were honoured with mementos for their dedicated efforts in organizing many successful events for ISA Student Branch of Jeppiaar Engineering College.



HONOURING THE EXECOM FOR THE YEAR 2014-1015



New Execom members were announced for the year 2015 – 2016.



CHIEF GUEST Dr. VIMALA ADDRESSING



Mr. L. NARANDIRAN ADDRESSING THE AUDIENCE



Mr. VIGNESH AND Mr. KARTHIKEYAN ADDRESSING THE AUDIENCE

The Session 1 was apprised with the Lecture on “Automation” by Dr. A. Vimala Juliet Vice President, ISA South India Section. The areas covered were types of Automation, industrial and domestic use of Automation and future scope of Automation. During the afternoon Session 2 we were illuminated on the topic “Introduction to Robotics Design Using Arduino” by Mr. V. Muthukumar & Mr. L. Narandiran. The concepts and working of Robots were explained and was demonstrated. The session ended after solving the queries of students.

The Session 3 dealt with the “Introduction and Design of Industrial ABB Robot” by Mr. Vignesh & Mr. Karthikeyan. The basic Robotics used in industries and

advanced Industrial Robotics Training were explained. The afternoon session was dedicated to Hands-on training involving Industrial Robotics. Simple Programs were given to the participants to use the software and to perform the basic operation. The session was concluded with the feedback session where the participants gave their valuable suggestion and encouraging feedbacks.

Thus the workshop was a enlightening and encouraging one and the certificates for the Participants was distributed by our Principal Dr. Sushil Lal Das.



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