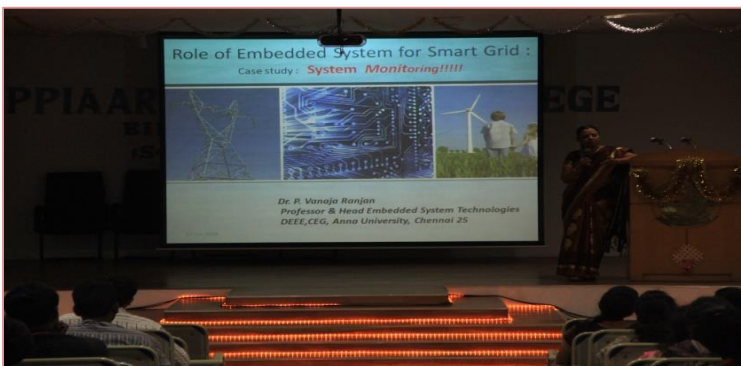


## JEPPIAAR ENGINEERING COLLEGE-CHENNAI

### DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

### INSTRUMENT SOCIETY OF INDIA – JEC STUDENT CHAPTER

The Department of Electronics and instrumentation in association with **INSTRUMENT SOCIETY OF INDIA** conducted a **NATIONAL LEVEL TECHNICAL WORKSHOP** on “**ADVANCED EMBEDDED CONTROLLERS & HANDS ON TRAINING ON ARM7 PROCESSOR**” on 17<sup>th</sup> and 18<sup>th</sup> July, 2014 at Jeppiaar Engineering College. The workshop banner was unveiled by our esteemed director **Mrs.M.Regeena Jeppiaar** in the presence of **Dr.P.VanajaRanjan**, head of embedded system technologies, Anna university Chennai, principal **Dr.SushilLal Das** and head of the department **Dr.G.Sathiyabama**. The function was attended by the HOD's of all departments and faculty members. Then chief guest addressed students on “Role of Embedded system for smart grid”. She gave brief introduction about embedded systems and its role in various engineering applications.



#### DAY-1

#### SESSION-I

Session-I was handled by VI MICROS on “Introduction to Embedded Controllers”. They provided basic introduction about embedded controllers with programming tools. They dealt with design, architecture and components involved

for embedded controllers and its features. Students from various colleges and ISOI members of Jeppiaar Engineering College attended the workshop.

## SESSION-II

After Lunch, In Session –II they gave Demo on “Advanced Embedded controllers”. They dealt about the features about INTEGRATED DEVELOPMENT ENVIRONMENT and various software applications and advantages .They provided with software IARIDE, FLASH MAGIC DOWNLOADER (used to download programs to micro controller). They taught about creating software programs for EMBEDDED.



## DAY-2

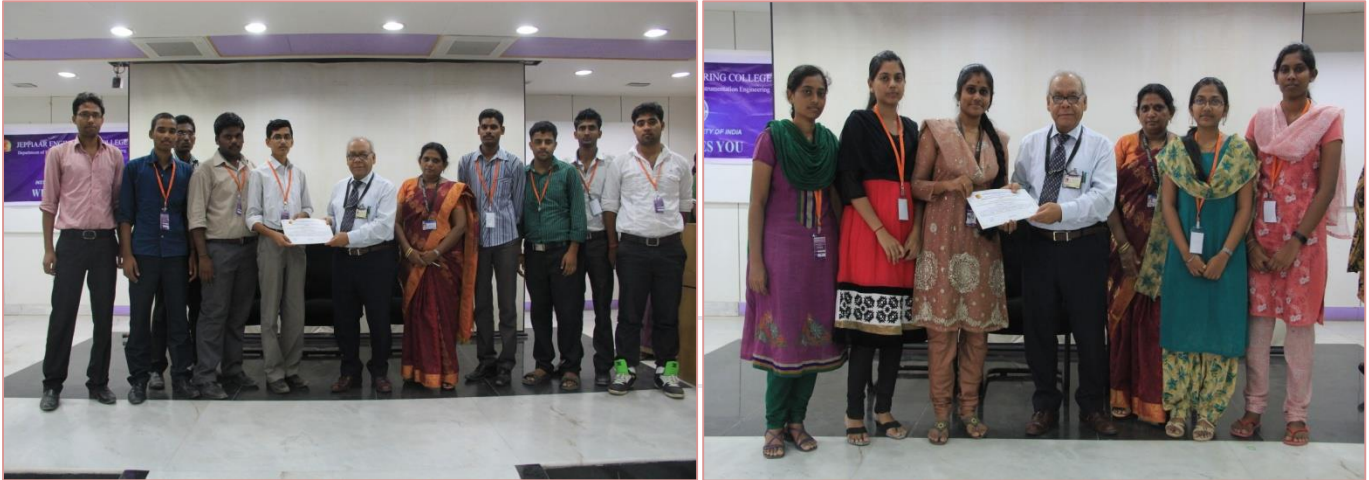
In day-2, VI MICROS handled the sessions “Hands on training on ARM7 architecture series& ARM7 processors”. Students are provided with software’s and they worked on ARM7 software toolkits. Various programs based on the applications are taught and many ideas were shared. Many topics were covered about network connectivity and interfacing procedures with peripheral devices.

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## Valedictory Function

The workshop was concluded with the valedictory function where 80 participants from various colleges were given their participation Certificates by the U.G. Principal Dr.SushilLal Das and the Head of the Department of Electronics and Instrumentation Engineering, Dr.G.Sathiyabama.



## Conclusion

The workshop turned out to be an eye opener for the students who wanted to learn about embedded systems and many ideas were shared among the students regarding the role and applications of embedded controllers with ARM7 processors.

We thank the support of the Management, Head of Department, faculty members, organizers and Volunteers to make this event a grand success.

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THE INSTRUMENTS WORLD