



# PRIYADARSHINI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna university-Chennai)

## DEPARTMENT OF ECE

Organizing

Workshop

On

“EMBEDDED SYSTEM DESIGN”

28<sup>th</sup> Feb 2017

## PROGRAMME REPORT

Department of ECE on 28<sup>th</sup> Feb 2017 organized workshop on **EMBEDDED SYSTEM DESIGN**. Resource person was **Mr.M.Samual livingston**, Technical Head Kristo Tech Pvt Limited, Head of the Department **Dr.R.Sivakumar** presided over the function and highlighted the importance of EMBEDDED SYSTEM DESIGN and its role in today's world. **Mr.M.Samual livingston**, delivered wonderful sessions.

Despite progress during the past decades secure operation of computing systems and components continues to be a fundamental research challenge. Unfortunately, the increasing sophistication of defense mechanisms has resulted in a progressive evolution of increasingly sophisticated attacks. As a result, the majority of computing systems are still plagued by common vulnerabilities that can readily be exploited by attackers.

The concerted efforts of industry to resolve these challenges have resulted in the creation of new hardware security standards.

This workshop provided the opportunity to focus on embedded systems while incorporating the relevance of other related disciplines to foster collaborative efforts in this area. Presentations and discussion addressed the capabilities and limitations of effectively employing trusted hardware-enabled components in embedded systems.

This included the following areas:

- New research and development in enabling trust in embedded systems
- Methods and techniques for establishing trust in embedded systems
- Lessons learned from research and development projects on embedded systems security
- Gaps in current research