Memorandum of Understanding

Teaching/Research Lab Setup at
Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada

This memorandum of understanding is signed on the _____9th_____ day of ___June___, 2012, between the following institutions:

a. Cranes Software International Limited, Bangalore (referred to as Cranes henceforth) which is University Program Partner of Texas Instruments, India

b. Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.

This Memorandum of Understanding is proposed in order to establish a teaching / research lab facility in the area of Embedded Systems / Microcontrollers at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada

Through this Memorandum of Agreement, the two parties agree to the following.

a. A **steering committee** will be set up to monitor the activities of the MoU. The committee will consist of the Senior Vice President of Cranes Varsity (a division of Cranes Software), and the Principal of V R Siddhartha Engineering College, Vijayawada. With mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee will be the supreme body as far the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.

b. **Lab Setup**: The College will set up a lab which will be entitled "Texas Instruments Embedded Systems Lab" or "Texas Instruments Microcontroller Lab" at its premises. Cranes agrees to donate development kits based on Texas Instruments MSP430 Microcontroller to the college Laboratory Kit worth Rs.275,000./- to College under TI India University Program to setup Texas Instruments Embedded Systems Lab. Cranes, working with TI India, will also provide the branding materials to set up the lab – e.g. posters and nameplates. The College will be responsible for purchasing any other equipment required for setting up the lab and for the maintenance of the lab. Cranes agrees to provide the necessary Initial startup training and learning materials to begin with utilization of Lab.

Tools:
1. MSP Debug Tool	TI FET 430 UIF	6 No's
2. MSP Tools	MSP-EXP430F5438 /4618	6 No's
3. Zigbee Development Tools		2 No's

VELAGAPUDI RAMAKRISHNA

SIDDHARTHA ENGINEERING COLLEGE

(AUTONOMOUS)

KANURU, VIJAYAWADA-520 007

(Sponsors : Siddhartha Academy of General & Technical Education)

Affiliated to Jawaharlal Nehru Technological University : Kakinada

Approved by AICTE & Accredited by NBA

An ISO 9001 : 2008 Certified Institution

e-mail : info@vrsiddhartha.ac.in

web : www.vrsiddhartha.ac.in

c. **Curriculum:** The College will explore ways to introduce a lab-based course using Texas Instruments MSP430 microcontroller in their undergraduate/post graduate engineering curriculum.

d. **Faculty Development Program:** Under TI India University Program, Cranes & TI will organize at least one faculty development program/Certification Program at the premises of the College to help the faculty members in teaching MSP430 The College will provide the infrastructure and other facilities to conduct the event successfully. Cranes reserves the right to open the training to other organizations in the region.

e. **Workshops/Events:** If the College wishes to organize a national level event in the area of MSP430, Cranes/TI will provide speakers.

f. **Publicity through Media:** The College does not publicize the event or other external communications about the MoU in electronic or print media without explicit permission from Cranes Software/Texas Instruments. In case the college/university wants to do so, a prior approval from Texas Instruments and Cranes Software is required.

Authorized Signatories:

Principal,
V R Siddhartha Engineering College, Vijayawada :

PRINCIPAL
V.R.Siddhartha Engineering College
AUTONOMOUS
VIJAYAWADA-520 007

For CRANES SOFTWARE INTERNATIONAL LIMITED

Senior Vice President, Cranes Varsity :

Authorised Signatory