



PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY

AUTONOMOUS & permanent affiliation to JNTUK, Kakinada
AICTE approved, NBA accredited and ISO 9001 : 2008 certified Institution
Sponsors : Siddhartha Academy of General & Technical Education, Vijayawada
KANURU, VIJAYAWADA - 520 007

Ref : PVPSIT/ 50/ECE/B.Tech./ 331 /13

Date : 07/03/13

Memorandum of Understanding

**Teaching/Research Lab Setup at PVP Siddhartha
Institute of Technology, Vijayawada**

This memorandum of understanding is signed on the 07th day of March, 2013, 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. PVP Siddhartha Institute of Technology, Vijayawada

This Memorandum of Understanding is proposed in order to establish a teaching/research lab facility in the area of Embedded Systems/Microcontrollers at PVP Siddhartha Institute of Technology, 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 Executive Director of Cranes Varsity (a division of Cranes Software), and the Principal of PVP Siddhartha Institute of Technology, 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 provide space in there existing lab to set up "Texas Instruments Embedded Systems Lab" or "Texas Instruments Microcontroller Lab" at its premises. Cranes agrees to donate development kits based on Texas Instruments MSP430 Microcontrollers worth Rs.60,000/- to the college Laboratory 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.



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KANURU, VIJAYAWADA - 520 007

Ref :

Tools:

Date :

- | | | |
|----|----------------------------------|---------|
| 1. | MSP430 Launch Pads | 10 No's |
| 2. | MSP5529/5438 Experimenter Boards | 2 No's |

- (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,

PVP Siddhartha Institute of Technology, Vijayawada

PRINCIPAL

PRASAD V. POTLURI

SIDDHARTHA INSTITUTE OF TECHNOLOGY

KANURU, VIJAYAWADA-520 007.

For CRANES SOFTWARE INTERNATIONAL LIMITED



Authorized Signatory, Signatory

Cranes Software International Limited



PRASAD V. POTLURI

SIDDHARTHA INSTITUTE OF TECHNOLOGY

(AFFILIATED TO J.N.T.U., KAKINADA)

Recognised by AICTE, Accredited by NBA and ISO 9001 : 2000 Certified Institution

(Formerly : Nagarjuna Institute of Technology)

(Sponsors : Siddhartha Academy of General & Technical Education, Vijayawada-10)

KANURU, VIJAYAWADA - 520 007.

Ref: PVPST/150/1815/11

Date: 04-11-2011

Memorandum of Understanding

Analog Teaching Lab Setup at PVP Siddhartha Institute of Technology, Vijayawda

This memorandum of understanding is signed on the 04th day of November, 2011, 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. PVP Siddhartha Institute of Technology, Vijayawda.

This Memorandum of Understanding is proposed in order to establish a teaching/research lab facility in the area of Analog System Design at PVP Siddhartha Institute of Technology, Vijayawda, with help from Cranes. 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 PVP Siddhartha Institute of Technology, Vijayawda**. 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 Analog Systems Lab". Cranes agrees to donate 6 setups of Analog System Lab Starter Kits (ASLKv2010 Starter Kit) developed at Texas Instruments India to the college. 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 set up the lab and provide the necessary initial training and learning materials to begin the instruction.

Contd..2..

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- (c) **Curriculum:** The College will introduce a lab-based course using Texas Instruments ASLKv2010 Starter Kit in their undergraduate engineering curriculum. The college will also explore other ways to introduce ASLKv2010 Starter Kit in their curriculum e.g. postgraduate curriculum.
- (d) **Faculty Development Program:** The College will organize at least one faculty development program at the premises of the college to help its own faculty members and the faculty members from other Indian colleges to teach analog system design using ASLKv2010 Starter Kit. The College will provide the infrastructure facility for conducting such a faculty development program. 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 event in the area of analog system design, Cranes will provide speakers.
- (f) **Training Programs:** Cranes will assist the college in organizing training programs/tutorials on topics related to Analog System Design. Faculty members from the college who have undergone train-the-trainer program at Cranes and who are certified by Cranes as trainers may run paid Cranes-certified training programs. Cranes will provide certificates for the participants of such programs. Faculty member from the institution must run at least on train-the-trainer program in a year on ASLKv2010 Starter Kit for external faculty and submit the report to Cranes.

Authorized Signatories:

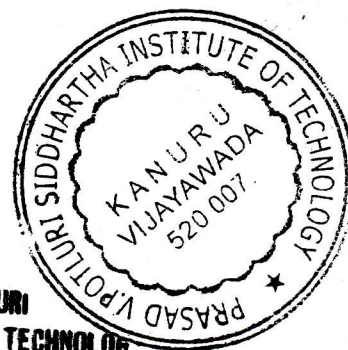


Principal, PVP Siddhartha Institute of Technology, Vijayawada:

PRINCIPAL

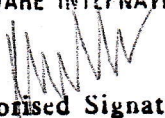
PRASAD V. POTLURI

**SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-7**



Senior Vice President, Cranes Varsity:

For CRANES SOFTWARE INTERNATIONAL LIMITED



Authorized Signatory

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding made and entered into on this 19th day of Feb. 2016 at Vijayawada.

BETWEEN

The **Department of ECE, PVP Siddhartha Institute of Technology, Vijayawada** has represented by its Principal Dr. _____ on herein after referred to as "First Party" which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

AND

M/S BSNL, Vijayawada Telecom District, a company incorporated under the companies Act 1956 and having its constituted Attorney, hereinafter referred to as BSNL Vijayawada or Second party, which expression unless repugnant to the subject or context shall mean and include its successors and assignees of the part.

AND WHERE AS **BSNL, VJA** is engaged in the business of all communication services by virtue of a license agreement with the department of Telecommunication, Ministry of Communication, Government of India, New Delhi and operating all the state of Andhra Pradesh.

AND WHERE AS, the **Department of ECE, PVP Siddhartha Institute of Technology, Vijayawada** started in the field of professional Engineering Courses (UG & PG) and they have agreed to the proposal of BSNL based on the terms and conditions contained hereinafter.

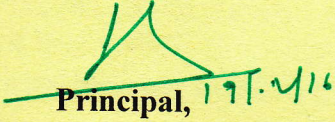
Now the second party has proposed to impart On-Campus Training to ECE students in the field of "Latest Telecom and Networking Technologies" to improve their skills, to bridge the gap between academics and Industry by exposing students practically to the live equipment which will be useful for their future and help them understand the working environment of telecom and networking field.

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS FOLLOWS :

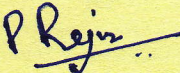
1. It is agreed with the First Party that the second party shall coordinate for smooth conducting of On-Campus training classes to students detailed in the proposal.
2. In This type of On-Campus Training the duration of training will be three days in which two days are allotted for theory at College premises and the third day is allotted for visit of exchanges in Vijayawada city for which college authorities have to arrange conveyance to the participants.
3. First Party will arrange required facilities to conduct training classes at the college premises for the registered candidates.
4. The Topics covered under On-campus training – IP technologies, IP Addressing, Broadband and Networking, Software implemented in BSNL, MPLS-VPN Technologies, Latest Data Services in Telecom, Optical Transmission of Data. Mobile Data Services, Switching Technologies, GSM/CDMA Mobile Technologies, OF Transmission Technologies of voice and data, Telecom Infrastructure, Advanced Telecom services.

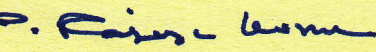
5. As per the BSNL existing norms, fee will be collected from interested candidates.
6. After completion of training programme, certificate will be issued to the all participants.
7. This agreement is valid for a period of **three years** from the date of the agreement and can be renewed subject to the terms and conditions in force of both parties.
8. BSNL assured to update its training curriculum by including latest technologies introduced into BSNL thereby helping the students to update their technical knowledge/skills.
9. Notwithstanding any of the terms and conditions herein, the parties shall have the right to terminate this Memorandum of Understanding with three months advance notice in writing.
10. IN WITNESS WHERE OF, the parties have set their hands and seals to this Memorandum of Understanding on the day, month and year first above written.

Signed and Delivered on behalf of
The PVP Siddhartha Institute of Technology,
Vijayawada.

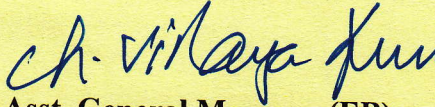

Principal, 17.11.16
PVP Siddhartha Institute of Technology
Vijayawada
PRINCIPAL
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007

Witnesses:

1)  (PAGOLU. RAJU) SDE (EB-TR) BSNL, VJA

2)  (P. RATESH KUMAR), HOD, ECE Dept.,
PVP SIT, VJA

Signed and Delivered on behalf of
Bharat Sanchar Nigam limited.


Asst. General Manager (EB)
O/o General Manager Telecom, VJ
सहायक महा प्रबंधक (ई.बी)
Asst. General Manager (EB)
का.म.प्र.दू.जि., वि.एस.एन.एल.
O/o. G.M.T.D., B.S.N.L.
विजयवाड़ा VIJAYAWADA - 520 004.

Memorandum of Understanding
(MOU)

PRASAD.V.POTLURI SIDDHARTHA INSTITUTE OF
TECHNOLOGY

&

M/s. EFFTRONICS SYSTEMS PVT. LTD

Memorandum of Understanding

Preamble

M/s. Efftronics Systems Pvt.Ltd., Brindavan Colony, M.G.Road, Vijayawada and PVP Siddhartha Institute of Technology, Kanuru, Vijayawada- 520 007, Andhra Pradesh..

Recognised the need

- For pooling and sharing their knowledge and skills for constant development and upgradation of technology in the field of Electronic Components , data loggers and automated devices and systems.*
- For close co-operation between the Industry and the institute of relevant technical education.*
- For the education & training of students, in practical environment and make them more employment oriented, to enrich teaching methodologies and to help the faculty development.*
- For curriculum development and upgradation of laboratory equipment.*
- To encourage and facilitate co-operation between M/s. Efftronics Systems Pvt.Ltd and PVP SIT in the above aspects.*

In appreciation of the above and in furtherance of the common desire for improving the quality of the graduating Electronics & Communication Engineers, Efftronics Systems Pvt.Ltd and PVP SIT agreed to join hands together.

Memorandum of Understanding

(MOU)

**PRASAD.V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY and
M/s. EFFTRONICS SYSTEMS PVT. LTD**

The objective of this memorandum of understanding is to bridge the gap between the industry and the institute on a continual basis by mutual cooperation through an exchange of strong points of either side. Both the parties have recognised their strengths and potentials and have arrived at the following MOU.

PVP Siddhartha Institute of Technology

Prasad V Potluri Siddhartha Institute of Technology, an Educational Institution sponsored by the Siddhartha Academy of General & Technical Education situated at Vijayawada - 520 010, Krishna Dist, Andhra Pradesh, herein after called the "College".

M/s. Efftronics Systems Pvt. Ltd

A Private limited company owned by young professionals in Engineering, situated in Vijayawada herein after called the "Company".

WHEREAS the Company is engaged in the business activity of data loggers , testing and maintenance of electronic automated machines and also in the design & development of new systems.

AND WHEREAS the College is engaged in imparting Professional education to the students for graduation in various branches of Engineering and Information Technology.

AND WHEREAS the College requested the Company for assistance by way of imparting practical knowledge acquired by the company officials to the students of the College with a view to enrich the knowledge and understanding of the college students, upgradation of laboratory equipment, etc., and the Company has come forward to render such assistance.

AND WHEREAS the Company requested the College for assistance by way of extending participation in lectures/ seminars etc., to the benefit of Company employees and also for assistance in the design and development aspects of its on going products and the College has come forward to provide such assistance.

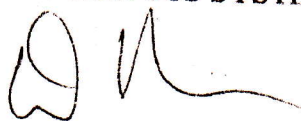
Now, this Memorandum of Understanding witnesses and documents the details and the manner of the said assistance for mutual benefit.

1. The Company and the College shall designate one of its officers each as a liaison officer, who will correspond/ interact on behalf of Company/ College, as the case may be.
2. The Company and the College will be regularly in touch with each other and explore setting up/ development of, related research projects in the College.
3. Both the Company and the College consented to give access to each other to the research data, methods, reports, etc., and share information in their possession (except those that are confidential in nature) in furtherance of knowledge.
4. The assistance by the Company will be by way of (i) Lectures (ii) Plant visit by Students & Faculty (iii) Practical training to students, (iv) Project works for students (v) Faculty training, as is feasible to the Company.
5. The lecture subjects include DSP, Networking, Microprocessors & VLSI
6. Training will be limited to 5 students per year, for a period not exceeding 5 weeks in the Company.
7. The College will give lectures/ seminars/ allow participation in symposia etc., to the Company employees, in the relevant subjects of Engineering.
8. The liaison officers of the College and the Company shall inform the other of the following details at least 15 days in advance:
Date on which seminar is sought :
Venue :
Subject/ Purpose :
No. of Students/ Officials :
9. The batch of students along with the faculty sent to the Plant shall be determined in consultation with the aspects of technology and advances therein of the Company.

10. The lectures/ Plant visits will be during regular working days and also in the working hours only.
11. To & Fro transport arrangements shall be made by the College in respect of its students and faculty members that may accompany them. Similarly, in respect to Company employees, to & fro transport arrangements shall be made by the Company.
12. The College shall ensure that the visiting students & faculty adhere to the discipline, security and safety requirements of the Company and the College so confirms hereby.
13. The assistance given by the Company to the College shall form part of academic requirement and the College so confirms hereby.
14. The Company and the college desire to extend in future, the scope of this Memorandum of Understanding to further areas of co-operation.

In witness whereof the Company and the College have executed this Memorandum of Understanding on the 2nd day of December 2005 at Vijayawada.

For M/s. EFFTRONICS SYSTEMS PVT.LTD



(D. RAMA KRISHNA)

Managing Director

M/s. Efftronics Systems Pvt.Ltd,



for PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY


(P.L.N. PRASAD)

Secretary

Siddhartha Academy of General & Technical

Education

