

MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is entered this day, 3rd Day of March 2017 between

Jawaharlal Nehru Technological University Hyderabad, Hyderabad

hereinafter referred to as "JNTUH"

and

A group of VLSI and Embedded System Design companies consisting of

- a. M/s. SoCtronics Technologies Pvt., Ltd., Hyderabad
hereinafter referred to as "SoCtronics "
- b. M/s INVECAS Technologies Private limited
hereinafter referred to as "INVECAS"
- c. M/s. The VEDA Educational Society, Hyderabad
hereinafter referred to as "VEDA IIT"

hereinafter a, b & c are jointly referred as "Industry-Consortium"

hereinafter JNTUH and Industry-Consortium are jointly referred to as "MOU-Parties"

WHEREAS

This initiative for MoU, based on the earlier and existing MoUs between JNTUH, APSICHE, VLSI Industry and M/s. VLSI Engineering Design Automation Institute of Information Technology (VEDA IIT), Hyderabad, is to offer PG Programs and Ph.D. Programs in emerging Knowledge Based Technologies such as VLSI Engineering and Embedded Systems jointly by JNTUH and Industry-Consortium with the objective of bringing Industry and Academic Institutes together under the Industry - Institute Interaction Program.

JNTUH is a leading Technological University offering innovative PG and Research Programs and intending to participate in the Industry-Institute Cooperation Project in accordance with a framework to be developed by all the parties concerned in this MoU.



INVECAS, founded by semiconductor industry visionaries to address the unique challenges encountered in deep sub-micron technologies, brings together the High Speed Analog IP, Foundation IP, ASIC design and Embedded Software expertise under one roof to provide complete ASIC solutions for emerging Compute, Communication, Mobile and Embedded markets operating from Santa Clara, CA and Burlington, VT in USA and Hyderabad and Bengaluru in India.

SoCtronics is the top VLSI Design Services Company in the State and has been fueling the growth of VLSI Industry and has been a partner of earlier MoU supporting MS Program in VLSI Engineering.

VEDA IIT is an innovative Industry Oriented Research and Training institute in VLSI and Embedded System Design and has been successfully conducting Diploma and PG Programs in these areas.

JNTUH, INVECAS, SoCtronics and VEDA IIT agree to collaborate in making policy guidelines, Design, Development and Implementation of the following Programs:

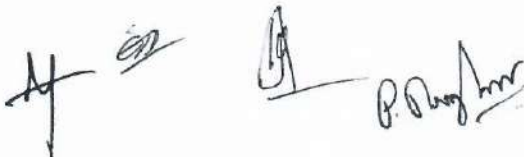
1. The existing Full-time MS Programs in VLSI Engineering started, in accordance with the first MOU of 17th Day of April 2002 entered between JNTU, QCL and VEDA IIT; the second MOU of 27th Day of June 2003 entered between JNTU, QCL, CuTe and VEDA IIT and the 3rd MoU of 5th Day of June 2010 entered between JNTUH, AMD, SoCtronics and VEDA IIT.

and the following terms and conditions:

- a. MS Programs in VLSI and other relevant areas of specialization shall be offered jointly by JNTUH and Industry-Consortium at VEDA IIT, Hyderabad, or at an approved location or locations based on requirements to achieve World-class excellence and International Standards with an intake of 25 + 5 (Industry sponsored).

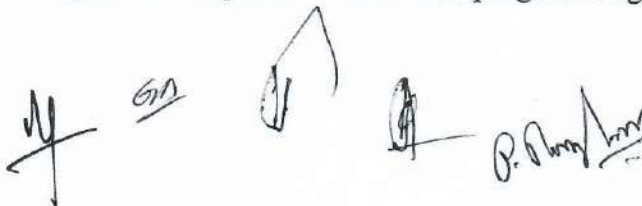
The authority of VEDA IIT, Hyderabad, shall be responsible for

- i. Correspondence
- ii. Program Coordination



iii. Project assignment

- b. A committee of JNTUH will inspect every academic year before the admission notification, if necessary. The JNTUH will allow admission notification for every year based on the request of the VEDA IIT. During the academic year a Committee may visit the Organization whenever necessary.
- c. The Syllabus for the proposed degree program to offer will be prepared by the Academic Committee of VEDA IIT. The JNTUH will give the necessary approval for the proposed syllabi, course structure and Academic Regulations prepared by the VEDA IIT.
- d. An Academic Committee shall be constituted with representation of SoCtronics, INVECAS, VEDA IIT and JNTUH. (One member from each).
- e. The Academic Committee shall (for M.S. Program):
 - i. Specify the required infrastructure facility
 - ii. Prepare course structure, duration, syllabi, pattern of examination and Guidelines for evaluation of student's projects.
 - iii. Define Admission Process, Eligibility Criteria for Admission and Entrance Test and Method of Selection of Students.
 - iv. The authority of VEDA IIT, Hyderabad, in general will be coordinator for admissions. However, in special circumstances its nominee or any other nominee of the Academic committee can coordinate admissions.
 - v. Admission notification, entrance test and selection of students are done by the coordinator periodically on regular dates and the list of selected candidates is sent to University for its ratification as per eligibility criteria.
 - vi. Indicate the norms of Confidential work, conduct of Examinations and Evaluation Methodology as per JNTUH norms.
 - vii. Co-opt/ invite other relevant and competent company/Industry to the Academic Committee.
- f. JNTUH shall provide academic support on all the issues for successful completion of the Program leading to award of M.S. program Degree.

The image shows several handwritten signatures and initials in black ink. From left to right, there is a large stylized signature, a smaller signature with the letters 'GN' above it, a signature with a large loop, and a signature that appears to be 'P. Sanyal'.

- g. JNTUH, SoCtronics, INVECAS and VEDA IIT shall ensure developing and transferring latest technology relevant to the industry through consultancy services as mode of transfer of technology.
- h. SoCtronics, INVECAS and VEDA IIT shall provide total support in terms of infrastructure, tools, faculty, and training facilities, running the Program as per the academic schedule, MS programs.
- i. The fee structure of M.S. programme with the University Programs, expenditure and sharing of revenues shall be as follows:
- j. Tuition fee to be collected : Rs. 36,000/- per semester.
- k. VEDA IIT will ensure that the programs are conducted as per approved regulations of the respective programs/courses.
- l. In a scenario where MoU-Parties cancel any program, owing to reasons beyond its reasonable control or acts of nature, either before commencement or during, the liability of MoU-Parties is limited to reimbursement of the fee paid by the students till that time for M.S. Program.
- m. For the candidates who register for M.S. Programs, the total responsibility of completion of the courses shall be within MoU-Parties only.
- n. Evaluations: Approval to be taken from the Director of Evaluation, JNTUH for examination pattern, whenever the pattern / syllabus changes. Examinations shall be held at the end of every semester. VEDA IIT shall arrange to carry out the evaluation of assignments for internal evaluation and internal marks shall be sent to University Examination Section before the last date of end of semester examinations. The Mark Memos and Certificates shall be issued by JNTUH.

The term of this MoU is for FIVE YEARS and shall be renewed as per the norms of the University unless it is specifically terminated by MoU Parties with sufficient cause and sufficient notice period and clear proof of non-compliance of any terms of MoU. Any addition or deletion of Partners to the MoU shall be on mutual consent.



Additional programs can be taken up from time to time to further widen the scope of the MoU based on the core competencies of Industry-Consortium, and they can be added as annexure to the main MoU with the consent of the MoU Parties.

Industry-Consortium can co-opt/ invite other relevant and competent company/Industry to the Industry-Consortium to further strengthen the consortium in supporting various programs offered through this MoU and intimate the same to MoU-Parties.

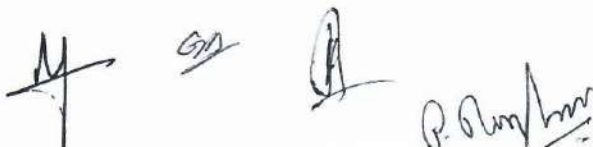
This MoU does not create any legal binding obligations between the participants or MoU Partners.

In the event of non-fulfillment of the terms and conditions of this MoU due to the exigency of one or more of the events such as but not limited to acts of God, war, floods, earthquakes, natural calamities, epidemics, riots, strikes, lockouts etc., neither JNTUH nor MoU Participants shall be held responsible for any loss or consequential loss.

In a rare case where a dispute arises between MoU Parties, it shall be sorted by mutual discussions or shall be as per a court of Law for settlement of disputes. The venue for such disputes shall be within Hyderabad, Telangana State.

Collaboration Fee:

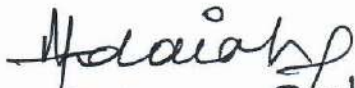
- A The collaboration fee per annum (20% of tuition fee per semester) shall be remitted through Demand Draft in favour of the Registrar, JNTUH within four weeks of commencement of class work.
- B The candidate admitted will pay common service fee of Rs. 2,500/- (Rupees Two thousand five hundred only) to the University for the 1st year and Rs. 1,500/- (Rupees one




MOU signed on 03.03.2017

thousand five hundred only) for each of the subsequent years till completion of the course.


- C Students will pay the examination fee as mentioned in the exam notification from the University.
- D As per the University norms, Rs. 1.00 lakhs shall be collected if there is any change in syllabi.


Registrar 3/3/2017


REGISTRAR
JNT UNIVERSITY HYDERABAD
KUKATPALLY
JNT University Hyderabad, Hyderabad


Managing Director/ HR India Head


M/s. INVECA Research & Development
Centre India Pvt. Ltd, Hyderabad


Chairman/Vice-President / Director


M/s. SoCronics Technologies Pvt., Ltd.,
Hyderabad


Chairman/President/VICE-PRESIDENT


M/s. VEDA Educational Society,
Hyderabad.

Witness

(1) 
3.3.2017

B. N. Bhandari, DAP, JNTUH
