

Memorandum of Understanding

This Memorandum of Understanding ("MOU") is effective as of November 16 2023,

BY AND BETWEEN

Punjab Engineering College (Deemed to be University), Chandigarh having its campus at Sector 12, Chandigarh, Pin Code: 160012, India (hereinafter referred to as "PEC" of the First Part;

AND

Cadence Design Systems (Ireland) Limited, a company having its registered office at Block S, EastPoint Business Park, Fairview, Dublin 3, Ireland ("Cadence") of the Second Part.

PEC and Cadence shall be individually referred to as Party and collectively as Parties.

RECITAL

PEC is one of the oldest engineering institutes in India, which has completed 100 years of its existence recently. It is a Grant In Aid institution under the administration of the Union Territory of Chandigarh, Government of India. The institute offers undergraduate BTech programs, postgraduate MTech programs, and Ph.D. programs in various disciplines of engineering and technology. Given the growth and application of electronic devices in almost every aspect of daily life, education, industry, research, etc. there will be a huge demand for engineers with specialized knowledge of 'Very Large-Scale Integration' (VLSI) circuits and design. Thus, the Electronics and Communication Engineering department of PEC has started an undergraduate BTech program in Electronics Engineering with specialization in VLSI design. This program aims to provide a solid and fundamental engineering knowledge of digital/analog integrated circuits design and technology which is being potentially used in chip design/manufacturing industries.

This program will create a workforce that will be skilled enough to handle the rapid growth in the field of VLSI and will significantly contribute to the development of India. This BTech program in VLSI will lay a foundation for future VLSI design engineers to make the Semiconductor Mission of India a reality

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS FOLLOWS:

1. PEC and Cadence intend to work together to enhance, improve, extend the knowledge, capabilities, expertise of the ecosystem in general and the students of PEC in particular.
2. To best align the curriculum and exposure of the PEC students to real-world problems that the industry is attempting to solve and to keep the study material and lab work current, PEC will join the Cadence University program. Cadence will then extend the required technology and education material access with review and suggestions for syllabi of various courses according to the terms and conditions of Cadence University Program.
3. To provide industry experience to PEC students during their studies, Cadence encourages PEC to actively have their students placed in various internship programs. Cadence intends to make efforts to introduce the PEC nodal officer for internships to various industry representatives to enable such internships.
4. Cadence believes that self-paced learning provides the students a pressure-free, healthy, and personalized learning experience, and to proliferate such self-learning Cadence intends to extend access to its Online training content - Internet Learning Series (iLS) and the Rapid Adoption Kits enabling students with a reasonable framework for hands-on practice.

4. This MOU is an expression of strategic understanding and reflects the current intent for collective exploration amongst the Parties. This MOU is not intended to be legally binding or impose any obligation whatsoever on either Party.
5. This MOU shall be governed by the laws of India.

Punjab Engineering College

By: Baldev Setia
Name: Baldev Setia
Title: Director PEC Chandigarh
Date: 16.11.2023

Cadence Design Systems (Ireland) Limited

By: Vijaya Kumar C Patil
Name: Vijaya Kumar C Patil
Title: Group Director. AE Organisation
Date: Cadence Bangalore.
16/11/2023..