

ORGANIZING COMMITTEE

CHIEF PATRON

Shri. L. Gopalakrishnan
Managing Trustee

PATRON

Dr. K. Prakasan
Principal

CONVENOR

Dr. V. Krishnaveni
Professor and Head, ECE

COORDINATORS

Dr. P. Saravanan
Associate Professor, ECE

Mr. K. R. Radhakrishnan
Assistant Professor (SR), ECE

ADDRESS FOR COMMUNICATION

Dr. P. Saravanan
Associate Professor
Department of ECE
PSG College of Technology
Peelamedu, Coimbatore - 641 004.
Mobile : +91 98944 12300, 8903608680
Email : dps.ece@psgtech.ac.in,
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ABOUT THE COURSE

The main objective of the course is to provide a comprehensive and state of the art knowledge in the area of ASIC design. The course gives an introduction to various steps in converting a cerebral concept to a working chip. The technical knowledge provided in the course will help the participants in understanding the RTL based design flow towards complete ASIC design. This will further help in providing the necessary expertise required by the industry.

COURSE CONTENTS

RTL based Digital Design flow (Spec to GDSII)

- RTL Design and functional simulation
~Xcelium Logic Simulator
- Formal verification
~JasperGold
- Logic Synthesis
~Genus Synthesis Solution
- Physical Implementation
~ Innovus Implementation System
- STA (Static Timing Analysis)
~Tempus Timing Solution

RESOURCE PERSONS

Faculty from PSG College of Technology and experts from core companies will deliver lectures and conduct hands-on practical sessions.



THREE DAYS WORKSHOP
ON

DESIGNING ASIC WITH CADENCE DESIGN TOOL SUITE

31.03.2023 - 02.04.2023



ORGANIZED BY

PSG-TI CENTRE FOR
VLSI AND EMBEDDED DESIGN AUTOMATION
(PSG-TI VEDA CENTRE)
DEPARTMENT OF ECE
PSG COLLEGE OF TECHNOLOGY
PEELAMEDU, COIMBATORE - 641 004.
TAMIL NADU

cadence®



ABOUT THE COLLEGE

PSG College of Technology, a premier institution for engineering, started in 1951, is well equipped with modern facilities of world class standards. The college is government-aided, autonomous, NAAC accredited, ISO 9001 certified and affiliated to Anna University. The college offers a total of 56 full time and part time programmes in Engineering, Technology, Science and Management at UG,PG and Doctoral levels. The institution holds extremely proud alumni at renowned institutions. The college maintains close interaction with several R&D institutions in India and abroad. It also has close collaborative links with industries. Several advanced centres are set up with financial support from the Ministry of Human Resources Development, DST and other agencies.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering started in the year 1968, has been splendid in providing dynamic and quality engineers to the society till date. The Department has Undergraduate programme in Electronics & Communication Engineering and Post Graduate Programmes in Communication Systems, VLSI Design, Wireless Communication and Nanoscience & Technology offering high class technical experience to the students. In the Department, BE ECE, ME Communication Systems and ME VLSI Design Programmes have been accredited for 6 years (in 2018), 6 years (in 2017) and 6 years (in 2016) respectively by National Board of Accreditation (NBA).

The strong industry oriented curriculum of the department equips the students with profound knowledge and special experimental skills to make successful career in renowned industries which helped in bagging the AICTE-CII award 2013 for the best industry linked institute in the stream of ECE. The department has involved in several projects sponsored by MeitY, DST, DRDO, UGC, AICTE etc.

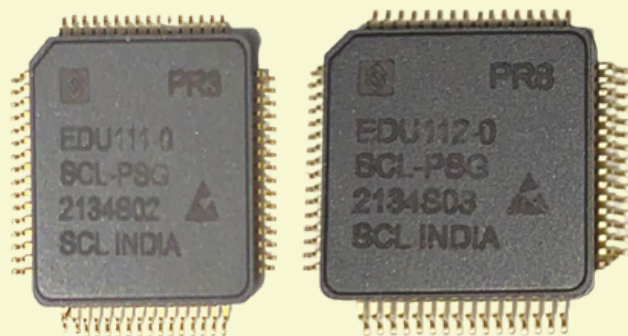
ELIGIBILITY

This course is open to Research scholars and UG/PG students of Engineering colleges and Polytechnic colleges.

REGISTRATION DETAILS

A maximum of 30 participants are permissible on first-come first-serve basis. The participants are requested to pay the Registration Fee through online mode after checking the availability of seats with the course coordinators.

LAST DATE FOR REGISTRATION : 29.03.2023



REGISTRATION FORM



<https://forms.gle/3cCh5imzw4QMhx2K6>

REGISTRATION FEE (Inclusive of Service Tax)

1. Research Scholars : Rs. 2000/-
2. UG and PG Students : Rs. 1000/-

ACCOUNT PARTICULARS

Bank Account No: 1481267367
Name of the Account Holder: PSG Center for Nonformal and Continuing Education
IFSC Code: CBIN0280913
Bank Name: Central Bank of India
Bank Branch Address: Peelamedu, Coimbatore - 641 004.