

KONGU ENGINEERING COLLEGE

(Autonomous)

School of Communication and Computer Sciences

Department of ECE

Perundurai, Erode – 638060

02.10.2020 to 03.10.2020

No Registration fee.

[To register click here](#)

Last date for Registration : 28.09.2020

DAY 1 – 02.10.2020

(Time : 09:00 A.M to 12 P.M)

FULL CUSTOM IC DESIGN FLOW

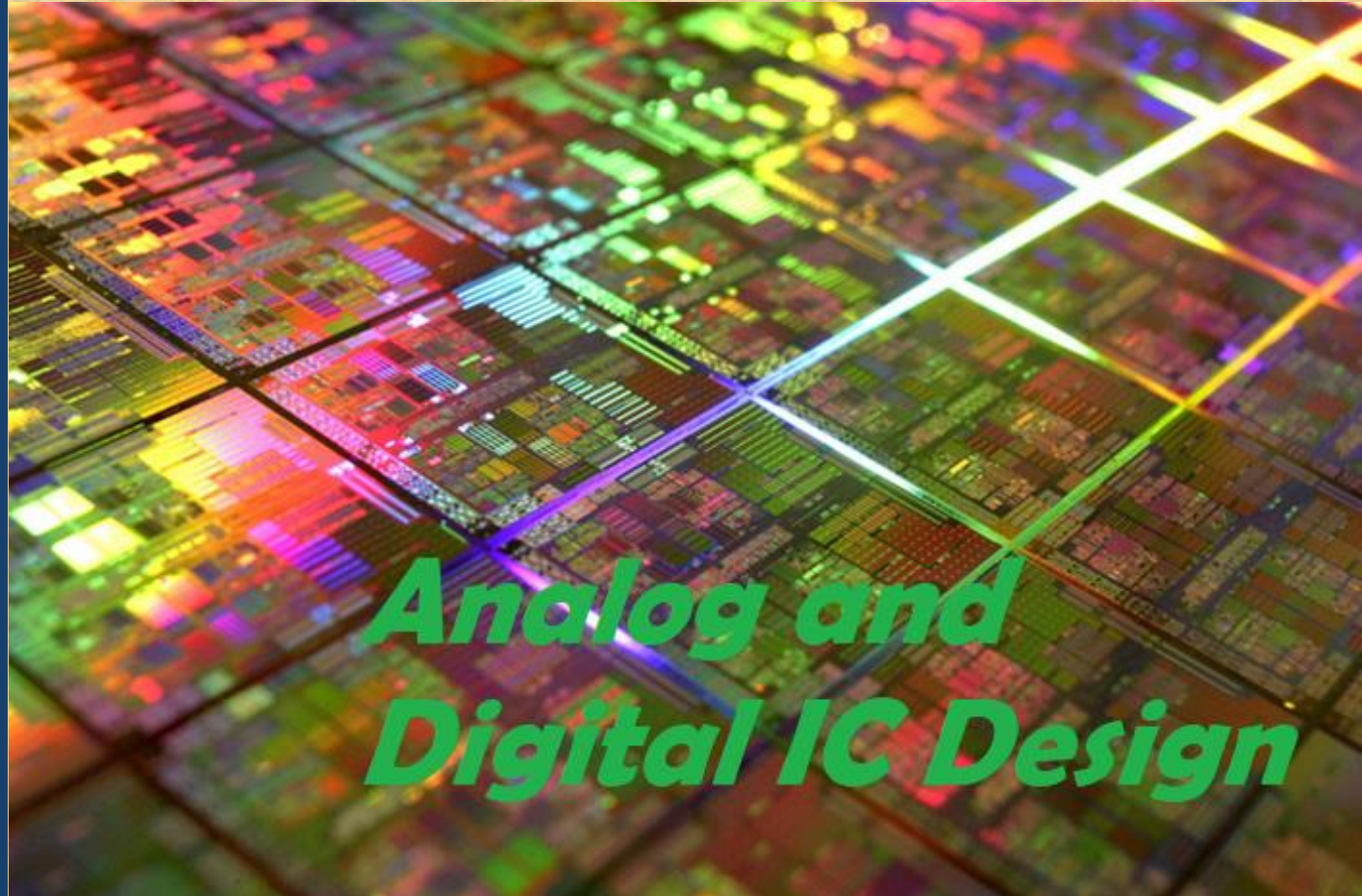
- ❖ Schematic Capture using Virtuoso
- ❖ Functional Simulation using Spectre
- ❖ Schematic driven Layout Design using Virtuoso
- ❖ Physical Verification (DRC&LVS) using Assura
- ❖ Parasitic Extraction
- ❖ Post Layout Simulation
- ❖ Generation of GDSII

DAY 2 – 03.10.2020

(Time : 09:00 A.M to 12 P.M)

SEMI CUSTOM IC DESIGN FLOW

- ❖ Functional Verification using Incisive
- ❖ RTL Synthesis using Genus
- ❖ DFT using Genus and Modus
- ❖ PD flow with Innovus (includes Floor Planning, Power Planning, Placement, CTS, Routing, Physical Verification, Parasitic Extraction, GDSII)
- ❖ STA using Tempus
- ❖ Static & Dynamic Power Analysis using Voltus
- ❖ Logical Equivalence Check using Conformal



Analog and Digital IC Design



cā dence™

ENTUPLE
TECHNOLOGIES

Transform Yourself

Two days Online Industrial
Training on
**Full Custom and Semi
Custom IC Design
Flow using Cadence
EDA Tool**
session will be handled by
Entuple Technologies

Co-ordinators

Dr.D.Malathi (Professor)
Dr.K.Gavaskar (Assistant Professor)
G.Ravivarma (Assistant Professor)



K.Gavaskar 9790004798
G.Ravivarma 8760296378



General Instructions

- ❖ Confirmation of registration and “Google Meet” link will be sent through mail on or before 30.09.2020.
- ❖ Participants will receive e-certificate after successful completion of all sessions.
- ❖ Participants have to give feedback at the end of the session.



malathy@kongu.ac.in

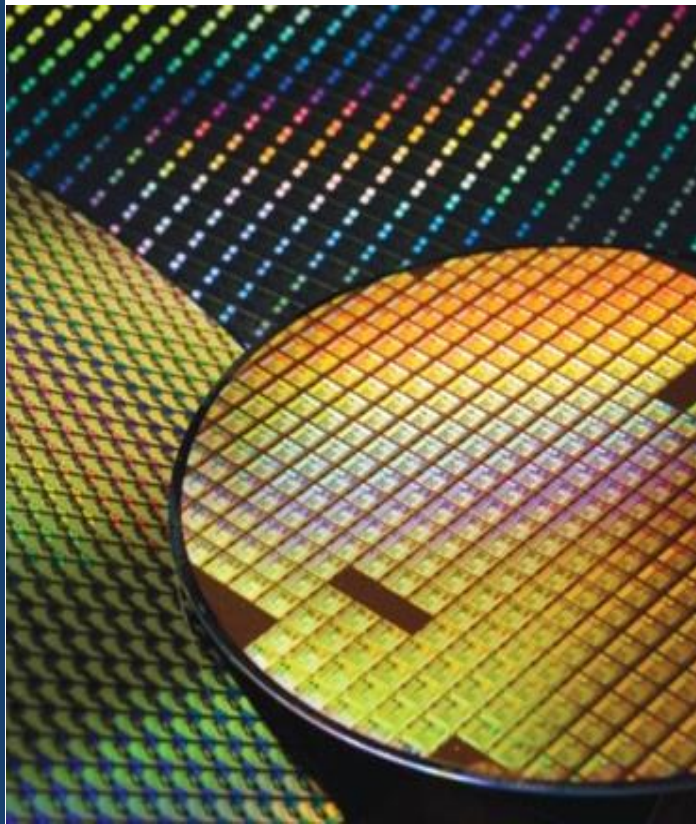
gavaskar@kongu.ac.in

ravivarmasha@kongu.ac.in



About College

Kongu Engineering College was established in the year 1984. The institution is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The Institution has completed 36 years of dedicated and excellent service in the field of technical education. It offers 14 UG programmes, 19 PG programmes and 16 Research programmes in Engineering, Applied Sciences and Management imparting high quality value-added education in India. The college has got NBA accreditation for UG programmes, Best Engineering College award and Best Principal award twice. The institution is ranked high among the Engineering Institutions in India by various surveys conducted by reputed magazines/journals/organization. The institution has established a Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI@KEC has won the National Award, for the Best TBI in India, presented by President of India on Technology Day in New Delhi. Institute website: www.kongu.ac.in



About Department

The Electronics and Communication Engineering department occupies a prominent place in the annals of its academic history. The department has been consistently producing illustrious engineering graduates of high caliber who occupy prestigious positions in the academic and industrial fields. The specialization of the faculty includes Telecommunication System Engineering, Computer Networks, Power Electronics, Control Systems, VLSI, Bio-Medical Engineering, Digital Signal Processing, Microwave Systems, Automation, Instrumentation and Control etc. The department has excellent laboratory facilities in the areas like Networking, Microprocessors, Electronics, Communication, VLSI, Digital Signal Processing, Microwave, RF, Multimedia, Fiber Optic Communication, Computer Hardware and Maintenance and Computer Centers with latest software. The department offers four year UG programme in ECE and two year PG programmes in VLSI Design, Communication Systems and Embedded Systems. The Department has accredited by NBA outcome based Tier-I scheme.