ALVA'S

# AIET

**DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING**


# Training program on Analog and Digital VLSI

**29 JUNE 2023 TO 2 JULY 2023**

## COURSE OBJECTIVE

This course aims to providing detailed knowledge in VLSI design process starting from digital design , hardware descriptive languages, RTL synthesis and simulation verification FPGA programming implementation. In this process the student will understand the entire logic design process the student will understand the entire logic design process and will be able to take on the challenges posed by the even demanding chip design industry

## RESOURCE PERSON

**Dr. Srinivasar Rao Udara**
**(B.Tech, M.Tech, MISTE ,P.H.D)**
**Distinguished Scientist**
**Awardee Managing Director**
**BJTECHHUB-Ranebennur**

## CADENCE TOOL

Real time Hnads on training Simulation.. incisie synthesis... Genus
Digital System Implementation...Innovus and its library Projects on digital MOSFET dimensions hands on training on VIRTUOSO tool basic schematic for different designs creation of symbols for different designs test bench

## ANALOG DESIGN

Different types of VLSI tools- Micro wind,Electric tool Synopsis, Icarus tool Mentor Graphics, Magic tool DSCH for schematic

## OUTCOMES

After the end of the course the student will be able to complete significant VLSI design project having a set of objective criteria and design constraints. Expected Job Roles :VLSI