



SRI KRISHNA COLLEGE OF TECHNOLOGY

[An Autonomous Institution | Affiliated to Anna University and Approved by
AICTE | Accredited by NAAC – UGC with 'A' Grade]

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CRITERIA 3

3.1.4 – Institution Facilities

3.1.4 Electronics Sector Skills Council of India Sponsered Centre of Excellence in Electronics (VLSI & Embedded System Design) Facility

Sri Krishna College of Technology, Coimbatore has signed a MoU with Electronics Sector Skills Council of India, New Delhi and also inaugurated the Centre of Excellence in Electronics (VLSI & Embedded System Design) at the college premises on 09.07.2016. Mr. N. K. Mohapatra, CEO of ESSCI has exchanged MoU between Smt. S. Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions and also inaugurated the Centre of Excellence in Electronics (VLSI & Embedded System Design).The purpose of MoU is to develop skilled human resources to support the nation's vision on skill India.

Outcome of the ESSCI - Centre of Excellence in VLSI & Embedded System Design

1. ESSCI (Electronics Sector Skills Council of India) certification based on the Qualification Packs (QP) / National Occupation Standards to the curriculum designed for the Institution. The existing curriculum may be revamped in line with the industrial needs and expectations.
2. Involving Students in project (Consultancy/Industrial) development to enhance their skills.
3. Students shall be trained as per Qualification Packs (QP) and subjected for ESSCI Certification.
4. Special placement drive will be conducted for the certified students.
5. ESSCI Certification is a resume-enhancing recognition and the certificate is downloadable and can be validated online.



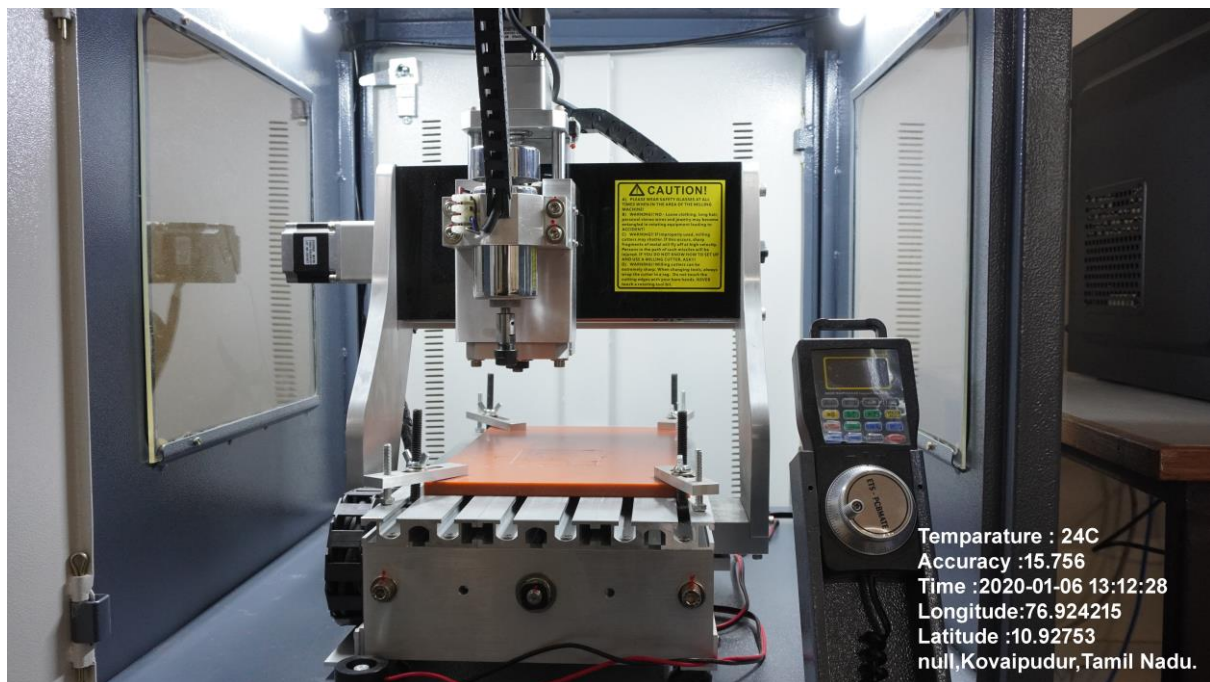


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3.1.4 MODROB SPONSORED PCB & ANTENNA DESIGN PROTOYPE WITH VECTOR NETWORK ANALYSER FACILITY

ANSYS HFSS is 3D electromagnetic (EM) simulation software for designing and simulating high frequency electronic products such as Antennas, Antenna Arrays, RF or Microwave Components, High Speed Interconnects, Filters, Connectors, IC Packages and Printed Circuit Boards.

Antenna Prototyping Machines are especially useful for making RF / Antenna circuit boards. To make an RF circuit board, you have to go through several iterations of making a test board and measuring its characteristics. For a typical circuit board, it is good enough if circuits are accurately connected electrically. However, for an RF/Antenna Circuit, you have to ensure excellent RF characteristics of the circuit board itself.





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3.1.4. Central Fabrication facility

Central fabrication facility has equipment and machineries like lathe, drilling machine, milling machine, CNC milling and lathe, slotter, shaper, welding machine, gear hobbling machine, fitting vice and tools, carpentry tools, sheet metal work etc. The fabrication facility is used to produce products for patenting, national level competitions, journal publications etc apart from lab hours.

