

Serial No 36811075

Roll No BBST232406003388



CENTRAL TOOL ROOM & TRAINING CENTRE

A Govt. of India Society
(An Indo-Danish Project)
Under

MINISTRY OF MSME

B - 36, Chandaka Industrial Area
Bhubaneswar - 751024

This is to certify that

Mr. \ Miss. BHABANI SHANKAR PRADHAN

has successfully completed the course

VERY LARGE SCALE INTEGRATION DESIGN

The course comprises the following subjects

- | | |
|----------------------------------|-----------------------------------|
| 1. BASICS OF VLSI | 4. CONFIGURING PLDS |
| 2. LAYOUT DESIGN USING MICROWIND | (SPARTAN, VIRTEX, CYCLON) |
| 3. VHDL & VERILOG PROGRAMMING | 5. CONFIGURING FPAA USING ANADIGM |
| WITH XILINX & ALTERA QUARTUS | 6. BASICS OF MICRO CONTROLLER |

Period of Course From : 01. 06. 2024 To : 29. 06. 2024

Date of Award : 29. 06. 2024

Course Co-ordinator



Sr. Manager (Training)



MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

सेन्ट्रल टूलरूम एन्ड ट्रेनिंग सेन्टर, भुवनेश्वर
CENTRAL TOOL ROOM & TRAINING CENTRE, BHUBANESWAR

भारत सरकार की सोसाइटी, सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Government of India Society, Ministry of Micro, Small & Medium Enterprises



ISO 9001, 14001, 50001 & 29000
OHSA 18001 & AS 9100

Ref. No: CTTC/BBS/TRG/108

Date: 29th June 2024

TO WHOM-SO-EVER IT MAY CONCERN

This is to certify that **Mr./Ms. BHABANI SHANKAR PRADHAN**,
Regd. No. **22UG011380** has undergone training on “**VLSI**” from 01st June
2024 to 29th June 2024 for meeting his/her industrial training/internship
requirements. He/She is being imparted industrial training & advanced
software training in our Training/Production facility to get exposure to the
practical aspects of his/her engineering branch.

To the best of our knowledge and belief he/she bears a good moral
character.



Somigra
Manager (Training)