

Serial No 3813415

Roll No BBST541812002940



ISO-9001, ISO-14001
OHSAS-18001
ISO - 29990

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. AYAN RAY

has successfully completed the course

ANSYS

The course comprises the following subjects

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|--|---|
| 1. STRUCTURAL ANALYSIS | 3. ANSYS WORKBENCH |
| • Linear (Beam, Truss, Plane Stress & Strain, Axisymmetry) | • Structural |
| • 2D & 3D Meshing | • Thermal |
| • Non Linear (Geometric, Material & Contact Non Linearity) | • Fatigue |
| | • Buckling |
| | • Modal Analysis |
| 2. THERMAL ANALYSIS | 4. COUPLE FIELD (Thermal to Structural) |
| • Steady State | |
| • Transient | |

Period of Course From : 01. 12. 2018 To : 15. 12. 2018

Date of Award : 15. 12. 2018

Course Co-ordinator



Sr. Manager (Training)