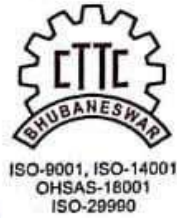


Serial No 4442159

Roll No BBST932506002361



# 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. / Ms. SUJIT KUMAR MALLA**

*has successfully completed the course*

## **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

*The course comprises the following subjects*

- |   |   |
|---|---|
| 1. INTRODUCTION TO AI & ML                          | 5. TECHNIQUES TO SOLVE UNSUPERVISED LEARNING PROBLEMS |
| 2. PYTHON BASIC PROGRAMMING                         | 6. NATURAL LANGUAGE PROCESSING                        |
| 3. PYTHON PACKAGES FOR MACHINE LEARNING             | 7. COMPUTER VISION                                    |
| 4. TECHNIQUES TO SOLVE SUPERVISED LEARNING PROBLEMS | 8. DEEP LEARNING USING KERAS                          |
|   | 9. PROJECT ON FACE RECOGNITION ATTENDANCE SYSTEM      |

Period of Course From : 02. 06. 2025 To : 30. 06. 2025

Date of Award : 30. 06. 2025

*Ritu Maity*

Course Co-ordinator



*[Signature]*

Sr. Manager (Training)