

Serial No 4443352

Roll No BBST932507003547



MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA



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. / Ms. AMIT KUMAR PATRA

has successfully completed the course

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

The course comprises the following subjects

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

Period of Course From : 15. 07. 2025 To : 14. 08. 2025

Date of Award : 14. 08. 2025

Ritu Maity

Course Co-ordinator



[Signature]

Sr. Manager (Training)