

# Diploma in Artificial Intelligence

**Duration:** 6 Months | Work-Integrated Programme

## Paper I – Artificial Intelligence

|                                         |
|-----------------------------------------|
| Introduction to AI & Production Systems |
| Representation of Knowledge             |
| Knowledge Inference                     |
| Industrial Marketing                    |
| Planning & Machine Learning             |
| Expert Systems                          |

## PAPER II – Machine Learning

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|--------------------------------------|
| Introduction to Machine Learning     |
| Neural Networks & Genetic Algorithms |
| Bayesian & Computational Learning    |
| Instance-Based Learning              |
| Advanced Learning Models             |

## PAPER III – Data Mining & Business Intelligence

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|------------------------------------|
| Introduction to Data Warehousing   |
| Principles of Dimensional Modeling |
| Data Mining Basics                 |
| Data Mining Algorithms             |

## Program Highlights

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|---------------------------------------------------------------------------------|
| Industry-Aligned Curriculum focusing on AI, ML, and Data Science fundamentals   |
| Hands-on projects and practical exposure to real-world data applications        |
| Ideal for students, professionals, and entrepreneurs entering the AI field      |
| Provides a strong foundation for careers in Artificial Intelligence and Machine |