Course Name: Artificial Intelligence and Machine Learning

Breakdown of the curriculum and content by CloudThat (semester wise 50 hours for each semester)	MS Certification Offers	Mode of training	Theory (T) and practical (P) hours	Tools/Software intended for training	Details on exercises, projects	Assessment Process	Pre-requisites
Semester 5: 1. Python Programming 2. Computer Organization and Architecture 3. Data Structure and Algorithm 4. Discrete Mathematics 5. Calculus 6. Linear Algebra 7. Operating Systems 8. Software/Tools: Linux,Git	AI-900: Microsoft Azure AI Fundamentals Certification	Offline	Theory - 30 Hrs Practical - 20 Hrs	1. Azure Subscription 2. Pycharm with required Python libraries 3. Google Collab 4. MySQL	Case studies, Practical Lab, Industry project	Offline Module and Lab assessment and Online MCQ based assessment will be conducted after completion of each semester on CloudThat Test Prep Platform + Online Guidance before appearing Global certification + Every Student will get the Microsoft Official Curriculum Redemption code	Computer Lab/Laptops with fast internet connection, Black/white board and projector