**Manipal University Jaipur**

**School of Information, Security and Data science**

**B.Tech. IT**

**IT3101- Artificial Intelligence and Machine Learning**

**2023-24**

**Assignment Predicate Logic**

Convert Following sentences in the predicate logic form. And convert them into normalized forms.

1. The students join the academic institute to gain knowledge.
2. Knowledge is gained in two ways theoretical and practical.
3. Professional programs in an academic institute target to provide both theoretical and practical knowledge.
4. B.Tech. IT is one of the Professional Program.
5. If any student do not pay attention to both types of knowledge will not be able to get placed in good Company.
6. Teaching by a qualified person is a primary method for providing knowledge to the students.
7. Project work is another method where students can learn.
8. Rohan is a student.
9. Rohan Gained good knowledge in Theoretical courses.
10. Rohan doesn’t get knowledge in Practical Courses.

**Prove that Rohan Doesn’t get placed in good company.**