



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

## NATIONAL INSTITUTE OF TECHNOLOGY PATNA

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### **CSL5402    *Artificial Intelligence Lab***

#### **Lab 8 Assignment**

##### **List of Experiments:**

1. Read Pima diabetes dataset (*shared with the named “Pima diabetes” in the file section inside the dataset folder*). Split the dataset into training and testing after Separating the data into input features and output class.
2. Read Pima diabetes dataset (*shared with the named “Pima diabetes” in the file section inside the dataset folder*). Perform Euclidean distance and confusion metrics and calculate the accuracy.

Upload the complete python code file.

Format of SUBMISSION (YOURROLLNO\_ASSIGNMENTNO\_COURSECODE.pdf and YOURROLLNO\_ASSIGNMENTNO\_COURSECODE.ipynb). You have to submit your assignment in both the format (.pdf and .ipynb). Example: If your roll number is 1906005, then write 1906005\_1\_CSL5402.pdf for assignment number 1. For assignment number 2, write 1906005\_2\_CSL5402.pdf.