**MINI PROJECT TOPIC**

**Rainfall predicting using iot and deep learning (RPID)**

**Abstract:**

India constitutes 17% of world population and due to such high population there is a possibility of scarcity of water so in order to improve water preservation this mini project consists of an iot device which is connected to a sensor which takes atmospheric pressure,temperature,humidity and send the data to the cloud platform where a deep learning is applied in order to predict the occurrence of rainfall that particular day this allows us to measure the amount of rainfall and we can take necessary tips to preserve rainwater for future generations. If possible, we would like to add motion to device so it can collect data more accurately.

**By:**

S. Yadavendra.Reddy

R.no:160116737120

B. Sanjay

R.no:160116737321