**Minor Project**

(B. Tech IT 7th Semester)

(Aditi Mittal-09, Vipasha Dhiman-44, Ashi Singh-45)

**Problem statement:** Exploring various computational techniques for predicting price of bitcoin

**Timeline:**

**September:**

1. Read about the bitcoin, various related research papers

2. Decide the research question you need to address

3. Find the data sources (Kaggle etc.)

4. Pre-Process the data by applying filters

5. Understand the base paper (say <http://trap.ncirl.ie/2496/1/seanmcnally.pdf>)

a. Aditi Mittal - RNN

b. Vipasha Dhiman - Long short term memory

c. Ashi Singh - Time series analysis

**October:**

1. Implementation of the base paper

2. Find more computational technique(for eg. SSA technique) and implement them

**November:**

1. Find the limitations of the paper

2. Propose and implement the improvements

3. Prepare the research paper using latex