# *MEDBOT*

*Team Members:*
*K. Nitya Sri (18B01A1258)*
*K. Syamala (18B01A0435)*
*K.JyothiSree (18B01A0433)*
*D. Kusuma (18B01A0464)*
*G. Harshini (18B01A0465)*

*24-06-2021*

## Problem Description

▶ *It is impossible for doctors and medical professionals to provide health assistance for large number of patients at the same time.*

▶ *So it could be very essential to have an automated healthcare chatbot which can assist people and provide information regarding their health.*

▶ *MedBot is a healthcare chatbot which is built using Machine Learning.It is a generative based chatbot.*

▶ *It helps in answering medical queries of the users about the symptoms of a particular disease,precautions and medicines to be taken.*

▶ *This bot can reduce human effort and it also provides user friendly interface.*

# *Approach*

- *Collecting Data.*

- *Data Cleaning/ Pre-Processing.*

- *Implementing the neural network model*
  1. *Encoding input data*
  2. *Decoding input data*
  3. *Decoding output data*

- *Implementing LSTM RNN model.*

- *Building Chatbot GUI(tkinter).*

# Tech Stack

- *Machine Learning*

- *Python*

# Challenges

- Major challenge we faced was creating our data.

- Understanding the Deep Learning model.

*Thank You*