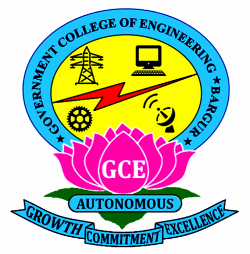
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**GOVERNMENT COLLEGE OF ENGINEERING-BARGUR**

**[ AUTONOMOUS]**

**PROJECT TITLE: CREATE A CHATBOT USING PYTHON**

**PHASE 3 – DEVELOPMENT PART 1**

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**Purpose of the Chatbot:**

The Purpose of this chat bot is to train it as a Conversational bot which performs as a **Q&A** type. We are making this project in **PyCharm Software** which is user friendly and very easy to use.

**Design the Bot:**

The Bot is Designed with a GUI interface using **tkinter module** with an opening window with required Screen Width and Screen Height.

**Libraries and APIs:**

Python has several libraries that can be used to create a chatbot. Here we use the choice of importing **ChatterBot** into our Project.

**Source** **Code:**

**#The Source Code is for our Project -ChatBot’s Gui Setup**

from tkinter import \*

from chatterbot import ChatBot

root=Tk()

root.geometry('500x570+100+30')

root.title('ChatBot for Dinu')

root.config(bg='deep pink')

logoPic=PhotoImage(file='pic.png')

logoPicLabel=Label(root,image=logoPic,bg='deep pink')

logoPicLabel.pack(pady=5)

centerFrame=Frame(root)

centerFrame.pack()

scrollbar=Scrollbar(centerFrame)

scrollbar.pack(side=RIGHT)

textarea=Text(centerFrame,font=('times new roman',20,'bold'),height=10,yscrollcommand=scrollbar.set

,wrap='word')

textarea.pack(side=LEFT)

scrollbar.config(command=textarea.yview)

questionField=Entry(root,font=('verdana',20,'bold'))

questionField.pack(pady=15,fill=X)

askPic=PhotoImage(file='ask.png')

askButton=Button(root,image=askPic,command=botReply)

askButton.pack()

def click(event):

askButton.invoke()

root.bind('<Return>',click)

root.mainloop()

For the next phase submission we are going to assign our Bot’s Trainer Program and also Train our bot with predefined training Conversations.