(Python Based Project)

**SYNOPSIS**

Department of Computer Engineering &Application

**INSTITUTE OF ENGINEERING & TECHNOLOGY**



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**Acknowledgement**

It gives us a great sense of pleasure to present the synopsis of the Mini Project ( Currency converter) undertaken during Btech IIIrd Year, this project itself is going to be acknowledgement to the inspiration, drive and technical assistance will be contribute to it by many individuals. We own special debt of gratitude to Mr. Mandeep Singh (Technical trainer Department of CEA) for providing us with an encouraging platform to develop this project which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, Thoroughness and perseverance is

being a constant source of inspiration for us. We believe that he will shower us with all his Extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies.

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**Currency Converter**

(Python based project )

The currency converter project in python requires you to have basic knowledge of python programming and the pygame library.

* tkinter – For User Interface (UI)
* requests – to get url

**About the Project**   
Python is a very versatile programming language. Python is being used in almost each mainstream technology and one can develop literally any application with it. Let’s see a Python program to convert the currency of one country to that of another country. To use this service, one must need the API key, which can be getWe will use fixer API to get the live conversion rates and convert the corresponding amount.

#### Modules needed:

**requests:** This module does not built-in with python. To install it type the below command in the terminal or cmd.

**Requirements**

**A) Hardware Requirements:**

1. A smooth running laptop and Smartphone

**B) Software Requirements:**

1 .Window 10

2 .Pycharm IDE

**Technology Used:**

A. Python Language