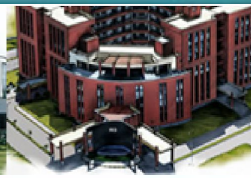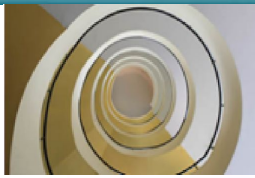# Department of Computer Science & Engineering
UE17CS355 – Web Tech II Laboratory
Project Evaluation

Project Title   : Tokenizer

Project Team   : PES1201700152 – Rithvik K

                                      PES1201700202 – Ishar Menon

                                      PES1201700266 – Amruth Karnam

- Front-end Framework: React
- Back-end Framework: Flask
- Bootstrap, Axios (Promise based HTTP client) .
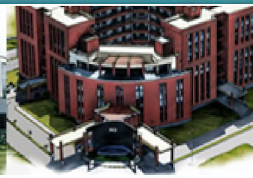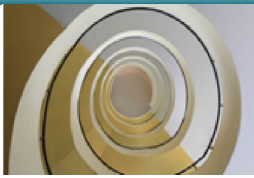- Libraries used: sklearn, pymongo , PyJWT , bcrypt , statsmodels

Aim : The aim of our project is to tokenize any real world entity (using ERC20 tokens) and host a crowd sale for the same.

Implementation : A Tokenizer website was created which allowed users to sign up , login , buy and sell ERC20 tokens for there products.
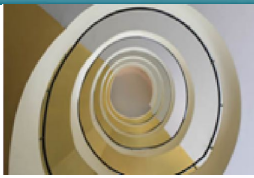
- Periodic Refresh : It is used , when the user requires the number of tokens available during the sale.

- Rest API - User sign up and login, Product registration.

Intelligent Component:

- Blockchain - custom ERC20 tokens
- Price prediction of token - time series analysis

Thank You