

EXPERIMENT 1.D**Code:**

```
from cryptography.fernet import Fernet
key=Fernet.generate_key()
f=Fernet(key)
token=f.encrypt(b"Manoj College")
f.decrypt(token)
b"Manoj Enginerring College"
key=Fernet.generate_key()
cs=Fernet(key)
pt=b"Manoj Engineering College"
ct=cs.encrypt(pt)
print(pt)
print(ct)
dt=cs.decrypt(ct)
print(dt)
```

Output:

```
b'Manoj Engineering College'
b'gAAAAABmwrX0ru7D6JBMgcrrMfIMFpDKqMCMLmk3EXncDxTeu_DWIEaIi4JoLM26ch9_C
ITzf6s8O-zh6IL00PjFeQO7MX9zMiuG67RfFPCUeqnn7bx_ILI='
b'Manoj Engineering College'
```