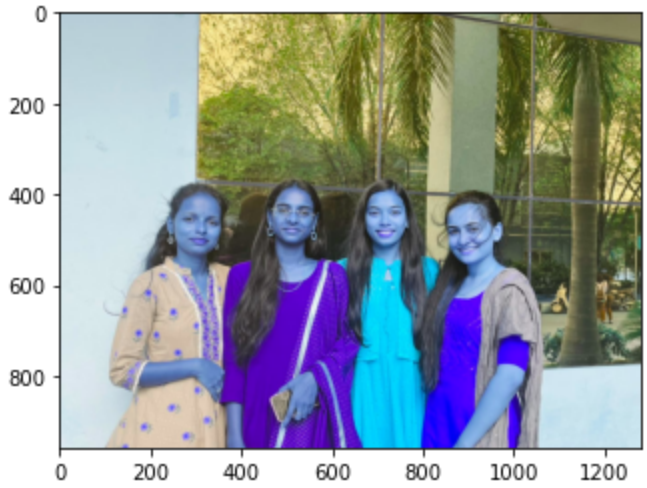
In [1]:
```
import cv2
```

In [2]:
```
from matplotlib import pyplot as plt
```

In [6]:
```
img=cv2.imread("C:/Users/user/OneDrive/Desktop/face.jpeg")
plt.imshow(img)
plt.show()
```



In [7]:
```
img_gray=cv2.cvtColor(img,cv2.COLOR_BGR2GRAY)
```

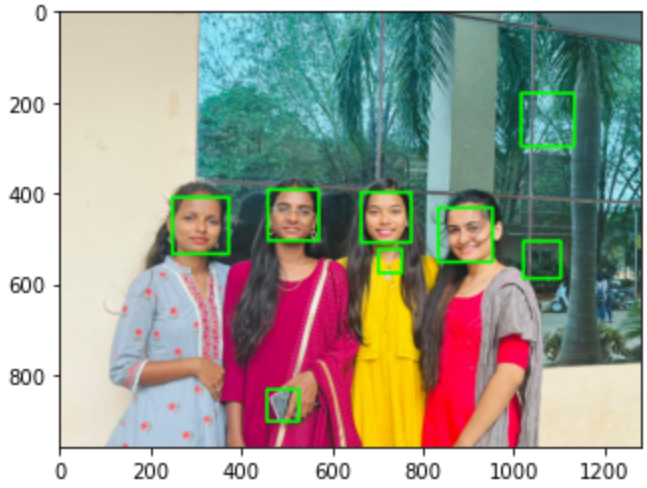
In [8]:
```
img_rgb=cv2.cvtColor(img,cv2.COLOR_BGR2RGB)
```

In [10]:
```
face=cv2.CascadeClassifier("C:/Users/user/Downloads/haarcascade_frontalface_default.xml"
found=face.detectMultiScale(img_gray,minSize=(20,20))
```

In [11]:
```
amount_found=len(found)
```

In [12]:
```
if amount_found!=0:
    for(x,y,width,height) in found:
        cv2.rectangle(img_rgb,(x,y),(x+height,y+width),(0,255,0),5)
```

In [13]:
```
plt.subplot(1,1,1)
plt.imshow(img_rgb)
plt.show()
```



In [ ]: