

CE259 PRACTICAL – 7

AIM: Write a django code to send an email with attachment.

INPUT:-

1. For that First of all I Decrease My Security and allow to less secure apps for my Account

← Less secure app access

Some apps and devices use less secure sign-in technology, which makes your account vulnerable. You can turn off access for these apps, which we recommend, or turn it on if you want to use them despite the risks. Google will automatically turn this setting OFF if it's not being used. [Learn more](#)

Allow less secure apps: ON

On 30 May 2022, this setting will no longer be available. [Learn more](#)



2. Now ;I enable 2 step verification for my account.

Signing in to Google



Password

Last changed 18 Apr



2-Step Verification

 On




3. Now ; I create one App_Password for my gmail account which password is reference of my gmail_account.

← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

Your app passwords

| Name | Created | Last used | |
|--------|---------|-----------|---|
| Clinic | 18 Apr | 09:28 |  |

Select the app and device for which you want to generate the app password.

Select app ▼

Select device ▼

GENERATE

4. After that; I mention my Email_id and reference Password and some another Information I my django settings.py file.

```
EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'  
EMAIL_HOST_USER = 'ptime8631@gmail.com'  
EMAIL_HOST = 'smtp.gmail.com'  
EMAIL_PORT = 587  
EMAIL_USE_TLS = True  
EMAIL_HOST_PASSWORD = 'asfcbwazjxqzwjx'
```

5. After that; I create one html file. In which I create one form . In which User can enter Subject, Message, Email_id and Files and Submit Button. So user can aslo fill up those form.

Django Email Setup (AKSH DESAI)

Subject

Message

Email address

We'll never share your email with anyone else.

Default file input example

Choose Files No file chosen

Submit

6. And In backend We fetch those Data in POST request and Create Backend Email Setup also.

```
from django.http import HttpResponse
from django.shortcuts import render
from django.core.mail import send_mail, EmailMessage
from django.conf import settings

def home(request):
    if request.method == 'POST':
        subject = request.POST['subject']
        message = request.POST['message']
        email = request.POST['email']
        file1 = request.FILES.getlist('file1')
        mail = EmailMessage(subject, message, settings.EMAIL_HOST_USER, [email])
        for i in file1:
            mail.attach(i.name, i.read(), i.content_type)
        mail.send()
        return HttpResponse('thank You')
    return render(request, 'index.html')
```

7. After that; When user fill up this form. And whatever email provided by that user in this form ; at that email our website automatically successfully send those subject, message and files at that email.

This is all about Send files in mail through Django Setup.

OUTPUT:-

Hello Aksh Desai

External

Inbox ×

**ptime8631@gmail.com**

to me ▼

How are you?

