```
import
cv2
        import numpy as np
        from tensorflow.keras.preprocessing import image
        from tensorflow.keras.models import load_model
        from twilio.rest import Client
        from playsound import playsound
        from decouple import config



        message_sent = False


        model = load_model("./model.h5")


        video = cv2.VideoCapture("fire.mp4")


        name = ["No fire", "Fire Detected"]




        def send_message():
               account_sid = config("ACCOUNT_SID")
               auth_token = config("AUTH_TOKEN")

               client = Client(account_sid, auth_token)
               message = client.messages.create(
                      body="Forest Fire detected , Stay safe!!!",
                      from_=config("FROM"),
                      to=config("TO")
               )
               print(message.sid)
               print("Fire Detected")
               print("SMS Sent!")

        playsound("./beep.mp3")




        while True:
               success, frame = video.read()
               cv2.imwrite("image.jpg", frame)
               img = image.load_img("image.jpg", target_size=(128, 128))
               x = image.img_to_array(img)
               x = np.expand_dims(x, axis=0)
               pred = model.predict(x)
               p = int(pred[0][0])
               cv2.putText(frame, str(name[p]), (100, 100), cv2.FONT_HERSHEY_SIMPLEX,
        1, (0, 0, 0), 1)

               if p == 1:
                      if not message_sent:
                             send_message()
                             message_sent = True
                      print("Fire Detected , stay safe!!!")
               else:
                      print("No Fire Detected")

               cv2.imshow("Image", frame)
```

```
        if cv2.waitKey(1) & 0xFF == ord('x'):
                break


video.release()
cv2.destroyAllWindows()
```