```
In []: for test_batch in test_loader:
img = test_batch[torch.randint(low=0, high=31, size=(1,)).item(), :, :, :]

output_img = model.forward(img.permute(2, 0, 1).unsqueeze(0).to(device)).cpu()
output_img = output_img.detach().squeeze(0).permute(1, 2, 0)
figure = plt.figure()
subplot1 = figure.add_subplot(1, 2, 1)
subplot1.imshow(img)
subplot1.set_title("Original Image")

subplot2 = figure.add_subplot(1, 2, 2)
subplot2.imshow(output_img)
subplot2.set_title("Output Image")

plt.show()

break
```



