

## **Palmprint Datasets**

Several datasets have been proposed for palmprint recognition dataset. Some of the most widely used datasets include:

### **PolyU Multispectral Palmprint Dataset:**

The images from PolyU dataset were collected from 250 volunteers, including 195 males and 55 females. In total, the database contains 6,000 images from 500 different palms for one illumination. Samples are collected in two separate sessions. In each session, the subject was asked to provide 6 images for each palm. Therefore, 24 images of each illumination from 2 palms were collected from each subject.

### **CASIA Palmprint Database:**

CASIA Palmprint Image Database contains 5,502 palmprint images captured from 312 subjects. For each subject, they collect palm print images from both left and right palms. All palmprint images are 8-bit gray-level JPEG files by their self-developed palmprint recognition device.

### **IIT Delhi Touchless Palmprint Database:**

The IIT Delhi palmprint image database consists of the hand images collected from the students and staff at IIT Delhi, New Delhi, India. This database has been acquired using a simple and touchless imaging setup. The currently available database is from 235 users. Seven images from each subject, from each of the left and right hand, are acquired in varying hand pose variations. Each image has a size of 800x600 pixels.

### **Links to download datasets:**

- **Polyu palmprint dataset**

<https://www4.comp.polyu.edu.hk/~biometrics/MultispectralPalmprint/MSP.htm>

- **Casia palmprint dataset**

<http://www.cbsr.ia.ac.cn/english/Palmprint%20Databases.asp>

- **IIT Delhi palmprint dataset**

[https://www4.comp.polyu.edu.hk/~csajaykr/IITD/Database\\_Palm.htm](https://www4.comp.polyu.edu.hk/~csajaykr/IITD/Database_Palm.htm)