

Code: IT8T1

**IV B.Tech-II Semester–Regular/Supplementary Examinations–April 2017**

**BIOMETRICS  
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1. a) What are the benefits of Biometric Security? 7 M  
b) Explain the basic working of Biometric matching. 7 M
2. a) Explain different types of algorithms used for Interpretation. 7 M  
b) Discuss various competing finger scan technologies. 7 M
3. Explain the Features, Components & Operation of Facial Scan. 14 M
4. a) Explain how Iris scan technology works? 7 M  
b) Discuss various components of Iris scan. 7 M
5. a) Explain the Strength & Weakness of Voice scan Technology. 7 M

- b) What are the components of voice scan Technology? 7 M
6. Write a short note on.
- a) DNA Scan 5 M
  - b) Retina Scan 5 M
  - c) Hand Scan 4 M
7. a) Explain in detail about BioAPI, BAPI. 7 M
- b) Discuss the designing privacy sympathetic biometric systems in details. 7 M
8. Explain in detail about the following:
- a) Biometric Spoofing 7 M
  - b) Biometric for Network Security. 7 M