

### Mini Project Topics for BTech(CSE-Core and IT) – 3<sup>rd</sup> Sem Students

Note1: Choose any one topic

Note2: Contact the Resource Person only if you need advice on things like dataset, suitable tools etc.

Resource persons will NOT advice you in any way in the coding/implementation part. Mini Project is purely a self-study and self-implementation topic.

SI No 1-5, Resource Person: Pankaj Kumar
1. Medical Store Management System(Language can be used:C/C++)
2. Student Report card Handling System
3. Supermarket Billing calculation System
4. Banking Record management System
5. Payroll Management System
SI No 6-10, Resource Person: Prabhjot Singh
6. crowd counting using deep learning
7. crowd behavior detection
8. crowd flow prediction
9. crowd management system
10. detecting pedestrian in crowd
SI No 11-15, Resource Person: Dr Manoj Diwakar
11. Fingerprint Recognition System, Tools: JAVA/MATLAB/PYTHON
12. Data hiding using steganography technique, Tools: JAVA/MATLAB/PYTHON
13. Data Security using Cryptography technique, Tools: JAVA/MATLAB/PYTHON
14. Handwritten Character Recognition,Tools: JAVA/MATLAB/PYTHON
15. Brain tumor detection system, Tools: JAVA/MATLAB/PYTHON
SI No 16-20, Resource Person: Ashwini Kumar
16. MNIST Digit Classification Machine Learning
17. Sentiment Analysis in Healthcare using Machine Learning
18. Visual Question Answering using Deep Learning
19. Offensive Language detection using Deep Learning
20. Social Media Sentiment Analysis using Twitter Dataset