M. Tech.
Semester – 2
040150207
MINI PROJECT
EFFECTIVE FROM Jan-2016
Syllabus version: 1.02
Practical
(040150207)
Mini Project

Credits: 1 (Practical)  Contact Hours Per week: 2 (Practical)

Objective of the course:
· To develop project as per the detailed problem formulation. Perform analytical and comparative analysis of the developed system. Submit a report at the end of the semester covering details of all the phases of project preliminaries, project work and results.

Student learning outcomes /objectives:
· At the closing of stage of the course, the students will be able to implement the classical techniques of cryptography, symmetric and public key ciphers, hash function, MAC.

Instructional method and pedagogy:
· Experiments are to be performed in laboratory.

Guidelines:
1. Students are expected to take up any industry defined problem or research oriented definition as a Mini project.
2. Detail study of existing solutions for the selected topic must be done.
3. Students are required to implement/simulate existing solutions (algorithms/techniques/methods) for their selected topic.
4. Post-implementation work would include preparing a report including comparative study of implemented/simulated solutions and their results.
5. Students are required to publish minimum one review/research paper based on their Mini project.