Competency Statements For Information Technology
Standard - XI

Competency

Theory

1. Key Concepts to create basic understanding about IT Enabled Technologies.
2. To acquire technical know-how about different types of software.
3. To acquire knowledge about 'Open source software'
4. To get knowledge about LINUX Commands.
5. To make the students aware about database concepts.
6. To introduce students to different terminologies used in database management systems.
7. To develop logical, problem solving, analytical and cognitive skills.
8. To acquire knowledge about webpage development.
9. To get technical knowledge to create dynamic web pages.
10. To make student socially aware while using internet / computer.
11. To create awareness about ethical ways of dealing with cyber world.
12. To develop problem solving skills using case studies, programs, activities etc.

Skill Oriented Practicals (SOP)

1. To develop ability to use workplace productivity tool.
2. To develop ability to create presentations, handle documentation, easy way of calculation or computation.
3. To acquire web development skills.
4. To collect user data with the help of 'Form' feature.
5. To create dynamic web pages with the help of scripting language.
6. To develop logical skill by using different structures.
7. To acquire knowledge about Built-in-Functions in scripting language.
8. To introduce skill sets regarding use of computerized accounting.
9. To maintain & display ledger accounts using accounting software.
10. To create & edit image by using different tools.
11. To develop raster and vector images using image manipulation tools.
12. To enhance the creative ability by developing digital contents.
13. To acquire basic knowledge to use database commands.
14. To create & maintain tables in a database.
15. To acquire knowledge to Insert, update & delete data in tables.
16. Use of computing skills for career opportunities.

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