**ICT Olympiad**

**Group I: Detailed Syllabus**

**Web Browser and Networking**

* Web terminologies and Web Browsers
* Protocols
* Transmission Media
* Networking devices
* History of internet
* Emails, Social media
* Virus & Antivirus concept
* Cyber World
* E-commerce
* Search Engines

**HTML and Gaming**

* HTML Tags and attributes
* Concept of URL
* Links and Hyperlinks
* Tables
* Lists
* Various Games and related levels and details

**Hardware and Software**

* Types of computers
* Generations of computers
* Components of CPU, (system unit), Microprocessors and chips
* Booting process
* Peripheral devices
* Types of storage
* Units of memory
* Inventions and Abbreviations
* Operating System
* Printers
* Input / Output devices

**GIMP**

* Tools
* Interface, File extension and shortcut keys
* Commands and filters

**LOGO**

* LOGO Screen and its parts
* ALL LOGO commands
* Primitives and procedures

**Open Office and MS Office**

* Licensed, Proprietary, Open Source software etc.
* Word: Creating, Saving, formatting and printing documents, printing with various options

Mail Merge, short cut keys, various tool bars, etc.

* Excel : Concept of cell, cell address, formula etc, formatting cells, various tool bars and options, formulas used in Excel , etc.
* PowerPoint:Concept of slide, transitions, various PowerPoint views, Short cut keys, all tool bars, printing, saving opening, closing presentations etc.
* Access : concept of database etc.

**Tux Paint and MS Paint**

* Brushes, Tools, File extensions
* Paint tools, opening, saving and creating files,
* Working with images and photos in Paint

**Scratch**

* Tools
* Concept of sprite, Scratch window
* Blocks and shapes
* Screen layouts
* Sound, costumes and background
* File formats supported and used