D.A.V. PUBLIC SCHOOL
19, Sitaram Nagar, Velachery, Chennai – 42

D.A.V. ICT OLYMPIAD 2019 - 20

CIRCULAR

Date : 08.11.2019

Dear Parent,

D.A.V. Centre for Academic Excellence, New Delhi conducts the ICT Olympiad and it is not restricted to syllabus of Computer Science covered in a particular class. The very purpose of conducting ICT Olympiad is to appreciate vast knowledge of the students about various topics in today's Hitech World. Some students take keen interest in technology and many a times supersede in knowledge when compared to higher age groups. The ICT Olympiad is not a qualifying Examination restricting knowledge of syllabus covered in a particular class. We want students of D.A.V.P.S., Chennai to top the D.A.V. Olympiad.

The detailed **Syllabus** of **ICT Online Olympiad (2019-20)** for **Group II** - **Classes IX – XII** is given below. The Online Examination will be conducted on **5th** and **6th** of **December** during the School timing in the respective Computer Laboratories.

Principal

ADOBE PAGEMAKER & ADOBE PHOTOSHOP
- Shortcut keys
- Tools of toolbar
- Blending modes
- Layers and brushes
- Style sheets
- File extensions
- Filters

CLOUD AND MOBILE COMPUTING :
- Concept of Cloud Computing
- Benefits of Cloud computing
- IOS and android features
- File extensions
- Abbreviations

GIMP & FLASH
- Keyframes
- Types of images
- File extensions
- Shortcut keys
- Tool bars and various tools
- Concept of Layers, Frames and Panels
- Tweens, Masking and Stages
- Views and all related topics

HARDWARE
- Computer Generations
- History of Computer
- Abbreviations
- Ports
- External and Internal devices
- Organisation(parts) of computer
- Storage Devices, Storage Units
- Networking devices
- Memory types and uses

HTML
- Body of HTML Code
- Various tags and their uses
- Tables, Forms
- File Extensions, Links and Attributes

MS OFFICE
- Licensed Proprietary, Open Source software .
- Word : Creating, saving, formatting and printing documents, printing with various options, Mail merge, shortcut keys, various toolbars etc.
- Excel: Concept of cell, cell address, formula etc. Formatting cells, various toolbars and options etc.
- PowerPoint: Concept of slide, transitions, various PowerPoint views, shortcut keys, all toolbars
- Access: Concept of database etc

OPERATING SYSTEMS
- Concept of Operating system
- Architecture and system calls
- Types of operating system
- GUI, Algorithms, flowcharts etc. compilers and interpreters
- Utility Software, Application Software and System software
- LINUX, UNIX, FIFO, GIGO etc. storing and retrieving data.

WEB BROWSER & NETWORKING
- Concept of web browser, various web browsers and their feature
- IP addresses and MAC addresses
- History of networking
- Transmission media, Transmission of Signals, Digital and Analog signals, Packets, Encryption, Protocols
- Networking Devices, Abbreviations
- Network Security, Viruses, Worm, Trojan Horse, Social Media and e-various apps.