# **Syllabus for Workshop on Knowing Computers:**

# **Computer Essentials IT Club**

## **Day 1 - Introduction + Most important components**

* What is the course about?
* Main components to look around when buying a PC
* CPU
  + Price, Cores, Generations, Brand, Efficiency, Type, Cache, Frequency
* GPU
  + Price, Generation, Architecture, Brand, VRAM, CPU, TGP
* RAM
  + Price, DDR, Capacity, Frequency, Rank, Channel

# **Day 2 - Secondary, But important factors for actual experience of PC:**

* Storage
  + Price, Capacity, Types, Further Types,
* Display
  + Panel Type, Refresh Rate, Brightness, Color Gamut, Aspect Ratio, Glossy vs Matte
* Other components
  + Keyboard, Mouse, Speakers, Connectivity, OS support
* Laptop Exclusives
  + Battery, Portability, Thermals, Upgradability, Extra Features, MUX Switch, TGP
* Most Important Factor (Surprise)
* What next?

Please note: The first day is really important for understanding and actual decision making. The second day is more like customizing the tools and parts of computers according to your preferences that are not easily differentiable.