

SECP1513

Technology And Information System

PC Assemble (Lab)

In our recent PC assembly lab, we learned how to disassemble and reassemble a computer. This hands-on experience helped us understand the components and the assembly process. Below are the steps we followed:



Steps for disassembling PC

1. Preparation: Powered down the PC, disconnected peripherals, and used antistatic wristbands.
2. Component Removal: Removed the case cover, disconnected the power supply, and detached storage devices, RAM, graphics card, CPU cooler, CPU, and motherboard.



Steps For Assembling the PC:

1. **Install CPU and Cooler:** Inserted the CPU, applied thermal paste, and reattached the cooler.
2. **Install RAM:** Secured RAM sticks in the slots.
3. **Mount Motherboard:** Screwed the motherboard into the case.
4. **Attach Storage Devices:** Reconnected SSD/HDD and SATA cables.
5. **Install Power Supply:** Reconnected power cables to components.
6. **Install Graphics Card:** Secured the graphics card.
7. **Connect Peripherals:** Reattached external peripherals.



Team Collaboration and Testing

Working as a team, we ensured each step was done correctly. After reassembly, we tested the PC, and it booted successfully, confirming our work was accurate.

