

MICROPROCESSOR AND COMPUTER HARDWARE WORKSHOP

04-09-2024

The Department of Computer Science organized a comprehensive workshop on computer hardware, titled "**8085**," on September 4, 2024. This workshop was designed to provide participants with hands-on experience and an in-depth understanding of various computer hardware components, their functions, and how they work together to form a complete computing system. The primary objective of the 8085 workshop was to equip students with practical skills in assembling, disassembling, and troubleshooting computer systems. The workshop also aimed to bridge the gap between theoretical knowledge and practical application, empowering students to confidently handle computer hardware. There are 40 students participated from the second-year class of the Computer Science .

The workshop was focusing on different aspects of computer hardware including :
Introduction to Computer Hardware - Overview of the basic components, motherboard, CPU, RAM, hard drives, power supply, and peripherals, Assembling a Computer- Step-by-step guidance on assembling a computer ,Troubleshooting Techniques- Identifying common hardware issues and Hands-on Practice.

The workshop was highly successful, with participants gaining valuable insights into computer hardware. By the end of the workshop: Students demonstrated improved confidence in handling and assembling computer systems. The hands-on experience enhanced the students' understanding of the practical aspects of computer science.

The workshop was inaugurated by **Dr. Haseeb V. V.**, the IQAC Coordinator, who emphasized the importance of practical skills in today's technology-driven world. **Dr. Shameer A. P.**, Head of the Department of Computer Science, presided over the function, highlighting the department's commitment to providing students with comprehensive learning experiences. **Dr. Minimol V. K.** delivered the felicitation, encouraging students to make the most of the hands-on opportunities provided. The sessions were led by **Sri Sayed Muhammed Fasil P. P.**, a certified MCSE and CCNA professional, who guided the session.

Many students shared positive feedback, expressing their appreciation for the practical approach of the workshop. They found the experience both informative and engaging, and several students suggested organizing more such workshops in the future to cover advanced topics in computer hardware.

Dr. SHAMEER A P

