

Academic Visiting / 学术参观

Electronic Science and Technology Museum in UESTC



Electronic Science and Technology Museum is the first comprehensive museum about electronic science and technology in China, which aims at recording important characters and events that promoted the development of electronic science and technology, especially in China, by using representative devices in the history of the development of electronic science and technology. It was proposed in April, 2015 and established in September, 2016.

Next to the lake which is in the west of campus and located the Academic lecture hall 1F, the Museum covers an area of about 2,000 square meters in the Qingshuihe Campus of UESTC. It consists of 6 units, including communication, radar, radio & television, electronic measuring instruments, electronic components and computers.

Adopting the method of displaying, museum combines online and offline with indoor and outdoor, which fully plays a role in Professional education, scientific research, cultural inheritance, and serving teachers and students in schools, alumni, profession and the whole society.

中文名称	English
第一单元：通信展厅	Part I: Communication Hall
1.电报	Telegraphy
2.电话与交换设备	Telephone and switch equipment
3.无线与移动通信	Wireless and mobile communication
4.卫星通信	Satellite communication
5.光通信	Optical communication
中文名称	English
第二单元：雷达展厅	Part II: Radars Hall
军用雷达	Military radar
民用雷达	Civil radar
中文名称	English
第三单元：广播电视展厅	Part III: Radios and Televisions Hall
广播	Radio
电视	Television
中文名称	English
第四单元：电子测量仪器展厅	Part IV: Electronic Measuring Instruments Hall
模拟时代	Analog machine era
数字时代	Digital machine era
智能时代	Intelligent machine era
虚拟时代	Virtual machine era

中文名称	English
第五单元：电子元器件展厅	Part V: Electronic Components Hall
第六单元：计算机单元	Computers Hall
展望未来	Future Prospect
序厅	Preface Hall

展品中文名	Exhibits	Description of Exhibits
通信单元 Communication		
西藏 450MHz 通信系统 “好易通” 基站	450MHz "Haoyitong" Communication Base Station	The communication base station in the highest elevation in the world when it was built. It once served Zhaxigang Village next to Qomolangma.
华为 C&C08 数字程控交 换机	Huawei C&C08 Digital and Program-Controlled Switch	
BD055 型电传打字机	BD055 Teletypewriter	The first self-developed teletypewriter in China in 1960s
马可尼收讯机和发射机	Marconi Receivers and Transmitters	
雷达单元 Radar		
X 波段大天线阵列成像雷 达实验系统	X-Band Imaging Radar Experimental System	The system was first developed by professors in UESTC in 1991, making breakthrough in imaging radar of China.
大功率速调管	High-Power Klystron	The components in 7010 radar, which is the first-generation pre-warning radar in 1970s
860 炮瞄雷达	860 Gun-Pointing Radar Vehicle	The only radar vehicle that could work in all meteorological conditions during Vietnam War. It shot down more than 600 military airplanes at that time.

广播电视单元 Radio & Television		
北京牌 825-2 型电子管黑白电视机	Beijing-Brand 825-2 Vacuum Tube Monochrome Television	The television was produced by State-Operated Radio Factory in Tianjin in 1960s
钢丝录音机	Wire Recorder	
上海牌 104-5 型电子管黑白电视机	Shanghai-Brand 104-5 Vacuum Tube Monochrome Television	In 1960s, 14-inch monochrome televisions made of vacuum tube in Type 104 Series were the televisions produced by Shanghai Broadcast Equipment Factory, which lasted the longest time, from July in 1964 to November in 1977. These televisions were the dominant products in the market at that time.
美国珍妮诗落地式收音机	Zenith Console Radio	The FM radio in the first generation in 1941
电子测量仪器 Electronic Measuring Instrument		
优利德 UTD2000 数字存储示波器	UTD2000 Digital Storage Oscilloscope	The Oscilloscope exploited was developed together by UESTC and Uni-Trend, and it is the electronic measuring instrument exported at the earliest time
万用表	Multimeter	The AVO 8 MKII Multimeter was most advanced in Britain in 1950s
无人飞机低空遥感系统	Unmanned Aerial Low-altitude Remote Sensing System	The system was used for photographing of barrier lakes in the Earthquake happening in Wenchuan on May 12th, 2008. It collected the information of remote sensing images of all barrier lakes in major disaster area.
电子元器件 Electronic Component		
信芯	Hiview	The first digital video processing chip with proprietary intellectual property rights of China
太赫兹回旋管	Terahertz Gyrotron	Chinese first 220GHz terahertz gyrotron developed independently by UESTC.
负阻磁控管	Negative-Resistance Magnetron	The component produced in the United State in 1930s~1940s.
波导元件	Waveguide Component	It was produced by UESTC according to the Soviet Union's expert Lebedev's drawings in 1958.

计算机 Computer

DJS 131 小型数字计算机	DJS 131 Small-Sized Digital Computer	The small-sized digital computer was produced by Chinese independently in 1970s.
龙芯	Chips of Godson Series	The first general-purposed CPU exploited independently by China
银河壹号巨型计算机	Galaxy-I Super Computer	The first super computer in China with the operation speed exceeding 100 million times per second was produced by Computer Research Institute in National University of Defense and Technology in Changsha city in 1983.
Apple-II 个人电脑	Apple-II PC	