

جامعة الملك فهد للبترول والمعادن

King Fahd University of Petroleum & Minerals



ICT Services and Projects

دعم التميز عبر تقنية المعلومات والاتصالات

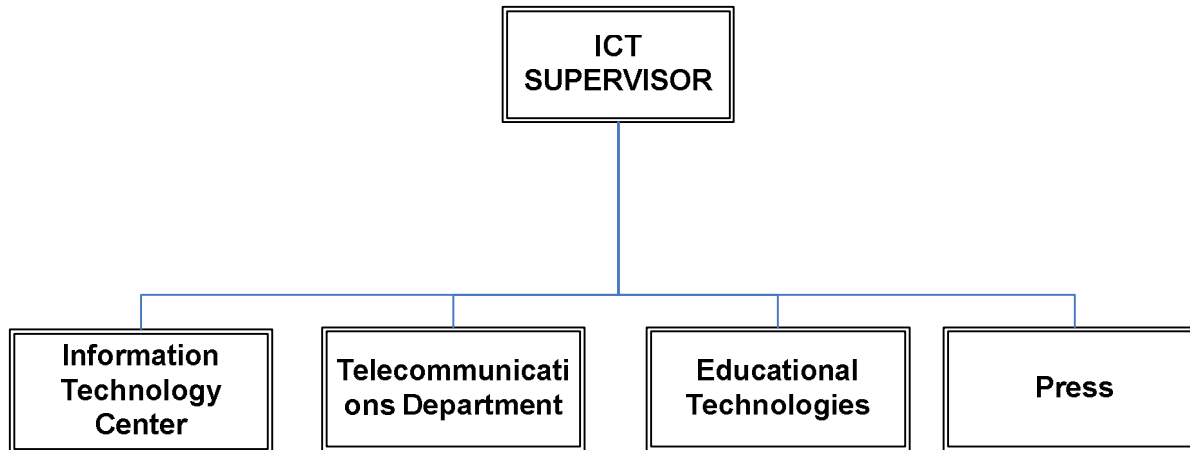
Supporting Excellence via Technology

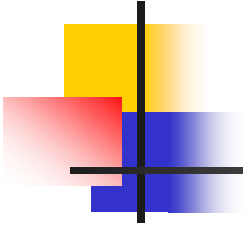
ICT Mission

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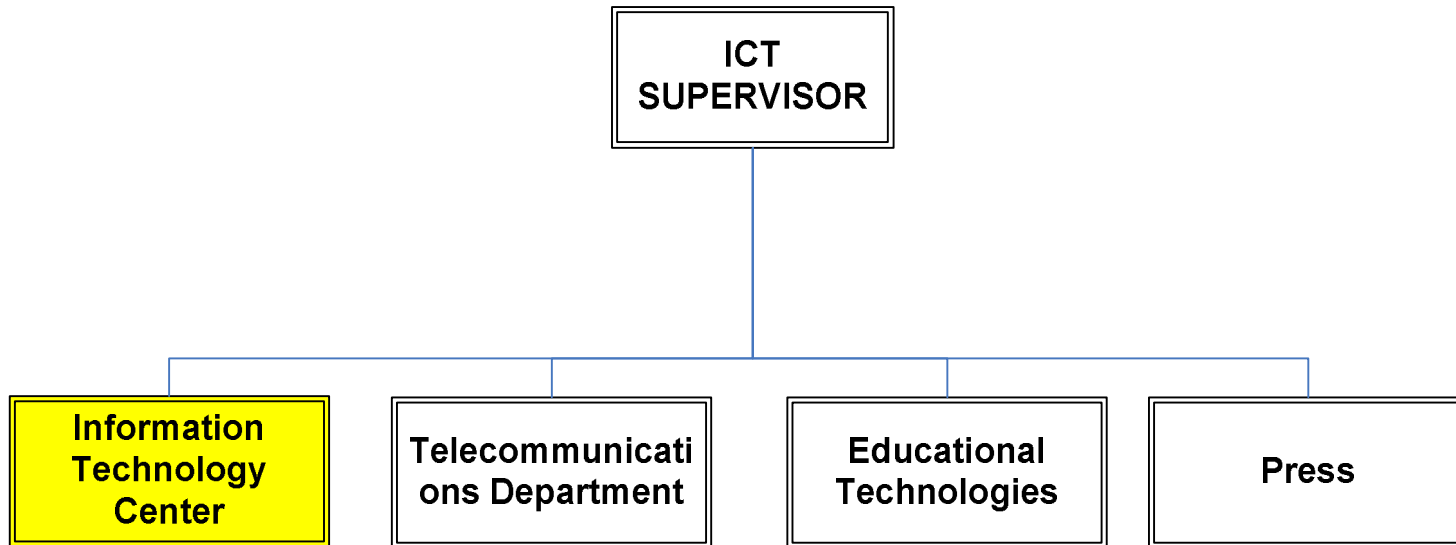
Information & Communications Technology (ICT) is committed to providing **high-quality information and communications services** that foster a productive academic and research environment for students, faculty, staff, and management at KFUPM.

ICT Organizational Charts

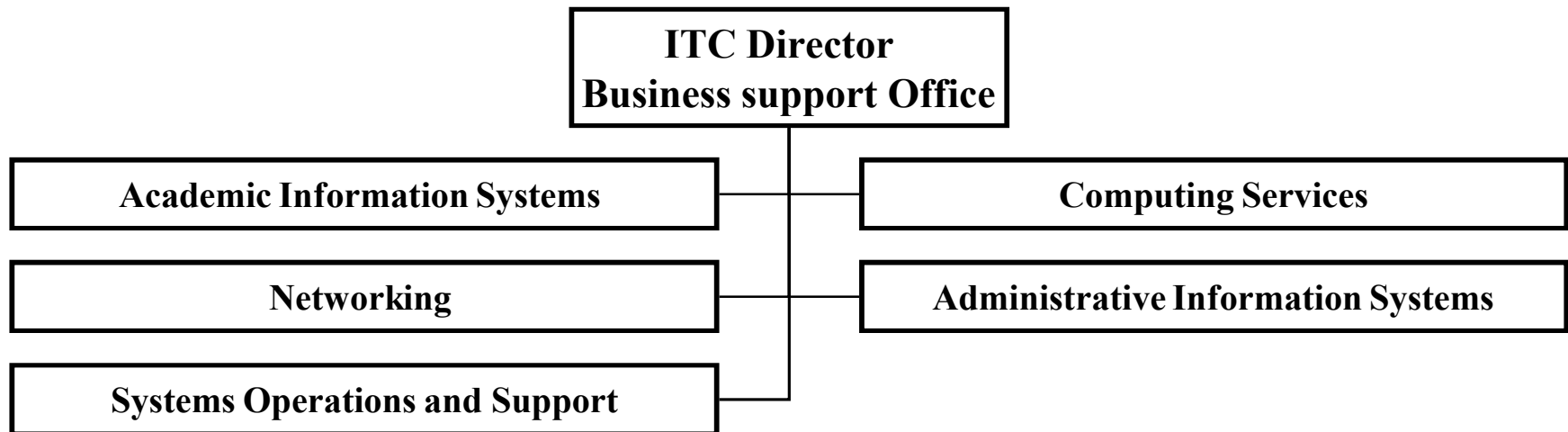




Information Technology Center



Overview of ITC Departments



Recent ITC Achievements

- Framework Agreement for Desktop/Notebooks Computing
 - More than **2000 PCs/notebooks** have been distributed/relocated. More than **150 printers** have been distributed.
- Academic and Administrative Applications
 - More than **35 scientific/engineering applications** are being supported.
 - More than **30 enterprise applications** are being supported.
- Installing New Library Automation System “Horizon”
- Supporting University Community Colleges IT Resources

Achievements(cont.)

- Wireless Computing
 - All University Buildings (14, 15, 16, 21, 22, 24, etc. and Library)
 - Currently 20+ Buildings are considered for wireless zones
- Mobile Computing
 - Major ongoing effort to provide mobile computing infrastructure and hardware
- Document Management System
- E-forms Workflow System
- Server Consolidation
- HR system redevelopment
- New Library Information System (Horizon)
- High Performance Computing
- Smart classrooms

Recent ITC Achievements (cont.)

- 12 computer labs have been upgraded or established.
- 250 hardware and cabling service jobs are handled every month.
- 350 software troubleshooting and installation requests are handled every month.
- More than 600 academic courses are currently managed using WebCT.
- More than 1200 man-days of training have been conducted for the university community.
- More than 700 network nodes have been added.
- 18,000 Email messages are processed per day (4,500 in year 2000)
- 1.6 GBytes of e-mail data are processed per day (400 MBytes in year 2000)



Recent ITC Achievements (cont.)

- Online Help Desk and IT Asset Management
- Students dorms network
- Network and system management
- Multi-purpose building network
- Professional training e-learning library
- Faculty Housing network

PCs Accessible to Students at KFUPM

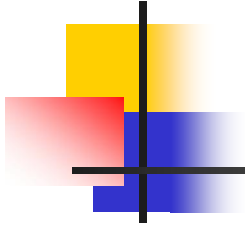
- PC Labs (Teaching & General Purpose, 50+):
1200 PCs
- CCSE Labs (Teaching & General Purpose): **300 PCs**
- Students Dorms (total 2204 nodes, Currently 50% used): **1100 PCs**
- **Total Accessible PCs to students are: 2600**
- **No. of students per institutional computer accessible to student: 3.43**

Recently Developed Administrative Applications

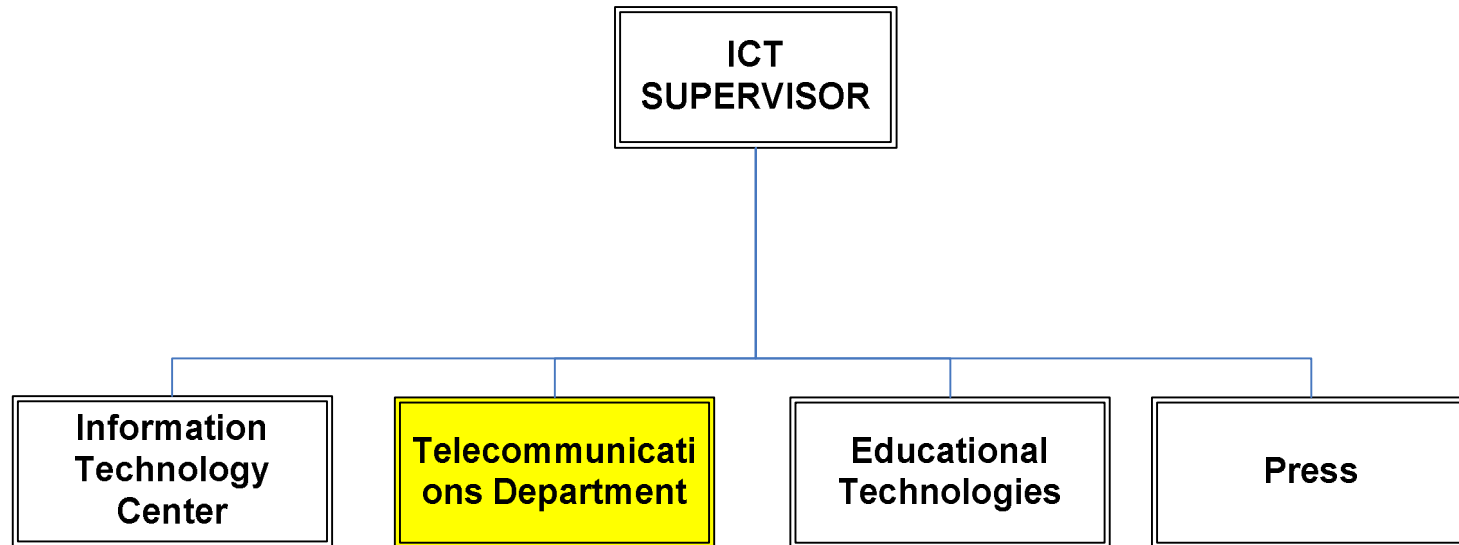
- Financial Resources Systems
- Human Resources System (Major Modules)
- Students Mail Desk System (**MDS**)
- Converting all legacy academic and administrative systems to Web enabled applications using Java with WebSphere development tool and DB2 database.
- Computer Allowance (**CAC**) workflow system
- Students Services Systems
- Research Database Management System (**RDBMS**)

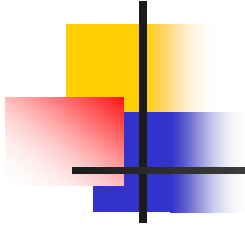
Current and Future Projects

- Document Management System
- **E-forms** Workflow System
- Server Consolidation
- **HR system** redevelopment
- High Performance Computing
- Group Calendaring Services
- Faculty Housing network (**DSL, 2 Mbps**)
- Implementation phase of **60 legacy classroom** to **smart classrooms**
- **KFUPM Portal** (IBM WebSphere portal)
- Framework agreement for Hardware
- Wireless Project
- ERP Implementation
- University Community Colleges IT Resources
- KFUPM New Website

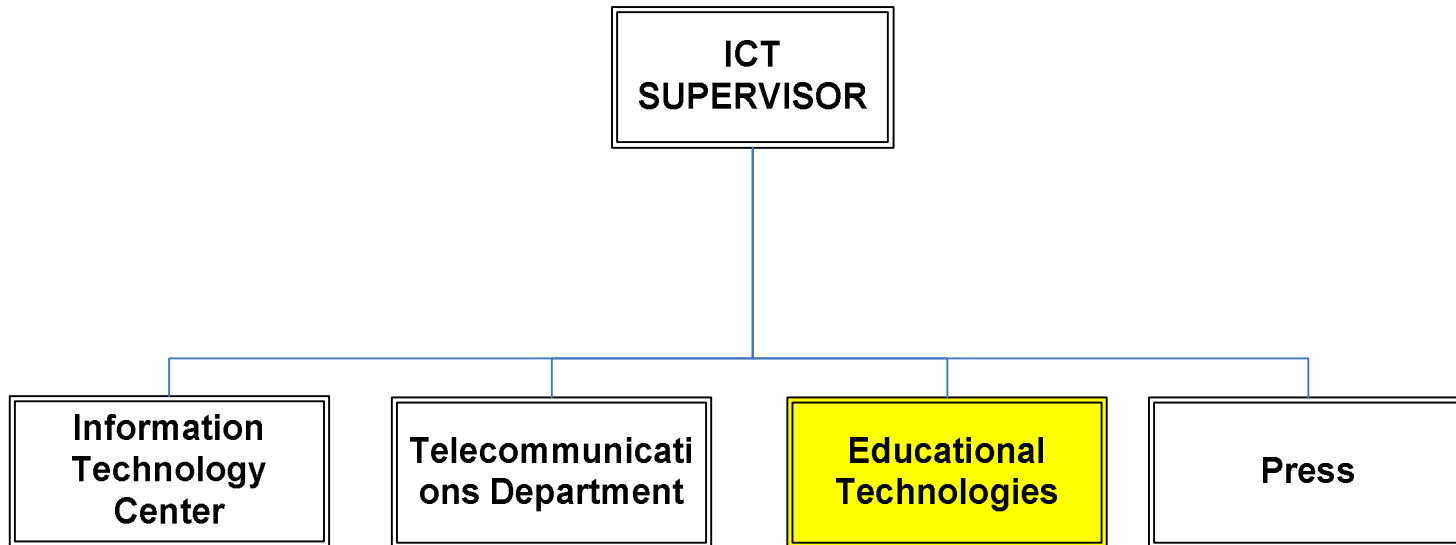


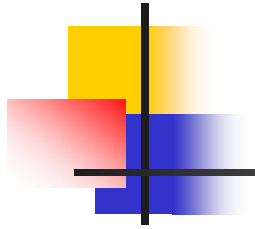
Telecommunications Department



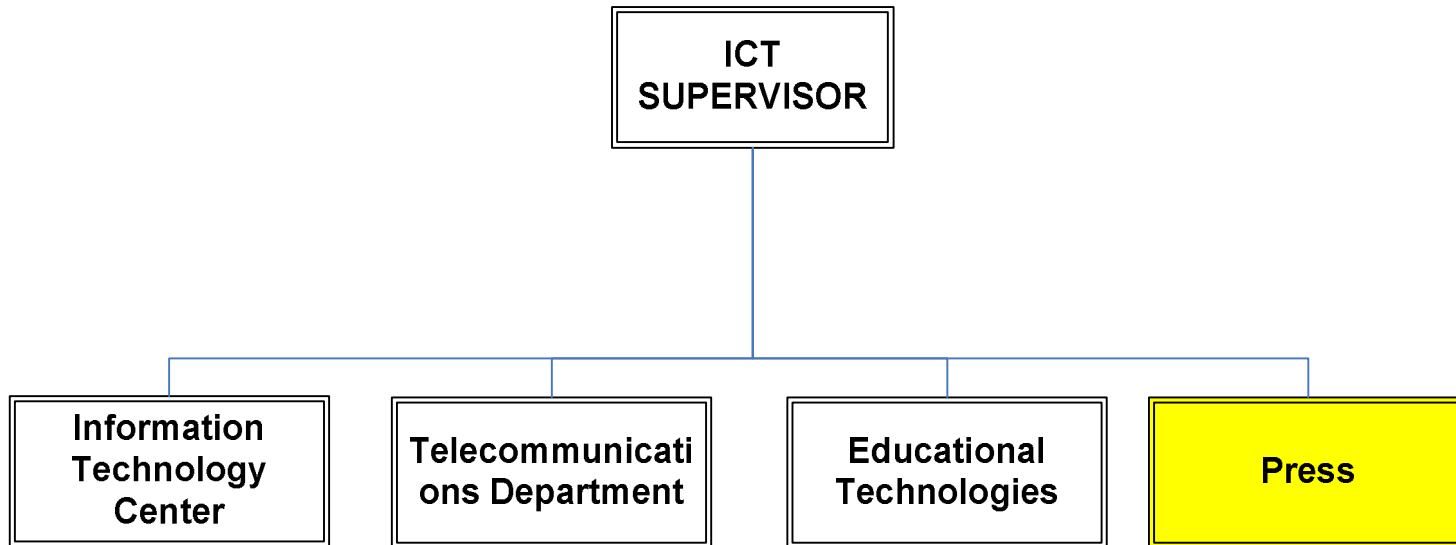


Educational Technologies





Press





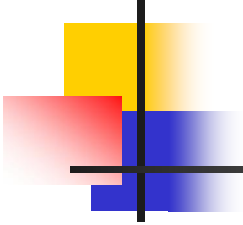
Special Thanks

- University Administration
- Main Sponsors:
 - Saudi Business Machines Ltd.
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Thank you 😊