

Faculty of Information and Communication Engineering
B.E. Computer Science and Engineering
(R 2017) Semester – II
CS8261 C PROGRAMMING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems with Linux Operating System with gnu compiler	30		

Faculty of Information and Communication Engineering
B.E. Computer Science and Engineering
(R 2017) Semester – III
CS8381 DATA STRUCTURES LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems with Linux Operating System with gnu compiler	30		

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(R 2017) Semester – III
CS8382 DIGITAL SYSTEM LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Digital trainer kits	30		
2.	Digital ICs	30		
3.	Software: HDL simulator	30		

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(R 2017) Semester – III
CS8383 OBJECT ORIENTED PROGRAMMING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems with either Netbeans or Eclipse	30		

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(R 2017) Semester – IV
CS8481 DATABASE MANAGEMENT SYSTEMS LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems with MySql	30		
2.	Visual Studio	30		
3.	Server	1		

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B.E. Computer Science and Engineering
(R 2017) Semester – IV
CS8461 OPERATING SYSTEMS LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems with Linux OS and GNU Computer	30		

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(R 2017) Semester – V
CS8581 NETWORKS LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Standalone Desktops	30		
2.	C / C++ / Java / Python / Equivalent Compiler Network Simulator like NS2 / Glomosim / OPNET / Packet Tracer / Equivalent	30		

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B.E. Computer Science and Engineering
(R 2017) Semester – V
EC8681 MICROPROCESSOR AND MICROCONTROLLER LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	8086 Microprocessor trainer kit with power supply	15		
2.	8051 Microcontroller trainer kit	15		
3.	Traffic light control interfacing card compatible with 8086 & 8051 kits	5		
4.	Stepper motor control interfacing compatible with 8086 & 8051 kits	5		
5.	Digital clock interfacing board compatible with 8086 & 8051 kits	5		
6.	Keyboard & Display interface board compatible with 8086 & 8051 kits	5		
7.	Printer interfacing card compatible with 8086 & 8051 kits	5		
8.	A/D and D/A interfacing card compatible with 8086 & 8051 kits	5		
9.	Serial and Parallel interfacing card compatible with 8086 & 8051 kits	5		

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(R 2017) Semester – V
CS8582 OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Rational Suite (User License)	30		
2.	Open Source Alternatives: ArgoUML, StarUML, Visual Paradigm (or) Equivalent Eclipse IDE and Junit	30		
3.	PCs	30		

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B.E. Computer Science and Engineering
(R 2017) Semester – VI
CS8661 INTERNET PROGRAMMING LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Systems	30		
2.	Server (Web Server)	1		
3.	Java/JSP/ISP Webserver/Apache Tomcat / MySQL / Dreamweaver or Equivalent, WAMP/XAMP	30		

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(R 2017) Semester – VI
CS8662 MOBILE APPLICATION DEVELOPMENT LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Standalone desktops with Windows or Android or iOS or Equivalent Mobile Application Development Tools with appropriate emulators and debuggers Tools with appropriate emulators and debuggers	30		

Faculty of Information and Communication Engineering
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(R 2017) Semester – VII
IT8761 SECURITY LABORATORY
Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	C / C++ / Java or equivalent compiler GnuPG, Snort, N-Stalker or Equivalent	30		
2.	PCs	30		

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B.E. Computer Science and Engineering
(R 2017) Semester – VII

CS8711 CLOUD COMPUTING LABORATORY

Requirements for a batch of 30 students

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Virtual box, VMware Workstation, Cloud Environment Creation, Openstack, Hadoop, Coludism, GAE launcher	30		