

## LABORATORIES & WORKSHOPS

SNO	NAME OF LABORATORIES	SEMESTER
1.	<b><u>APPLIED SCIENCES:</u></b>	
	• Chemistry Lab	I & II
	• Physics Lab	I & II
2.	<b><u>ELECTRONICS &amp; COMMUNICATION ENGINEERING DEPARTMENT:</u></b>	
	• Analog Electronics Lab (I & II)	III & IV
	• Digital Circuits & Systems – I,II Lab	IV
	• Communication Systems & Circuits – I Lab	IV
	• Microprocessor System – I Lab	V
	• Telecommunication Networks Lab	V
	• Digital Circuits & Systems – II Lab	V
	• Orcad Lab	V
	• MAT Lab	V
	• Digital Signal Processing Lab	VI
	• Microware Engineering Lab	VI
	• Data Communication Network Lab	VI
	• VLSI Design Lab	VI
	• Microprocessors – II Lab	VI
	• Optical Communication Lab	VII
	• Mobile and Satellite Communication Lab	VIII
	• Embedded Systems Lab	VIII
	• Consumer Electronics Lab	VIII
3.	<b><u>ELECTRICAL &amp; ELECTRONICS ENGINEERING DEPARTMENT:</u></b>	
	• Electrical Science Lab	II
	• Electro Mechanical Energy Conversion - I	III
	• Circuits & Systems Lab	III
	• Power Systems Lab I & II	IV & VI
	• Electro Mechanical Energy Conversion Lab (EMAC-II)	IV

- Control System Lab IV & V
- Measurement & Instrumentation Lab V
- Power Electronics Lab VI
- Electrical Energy Lab VI

4. **COMPUTER SCIENCE & ENGINEERING DEPARTMENT:**

- Intro to AutoCAD, Office Automation & Web Design Lab. I
- C Programming Lab II
- OOP's with C++ Lab III
- Data Structures Lab III
- Software Engineering Lab IV
- Algorithm Analysis and Design Lab IV
- Computer Graphics Lab IV
- Linux & X-Window Programming V
- Computer Architecture Lab V
- DBMS Lab V
- Java programming & website design V
- Digital circuits & system II V
- Operating Systems-II Lab VI
- Data Comm. & Networking Lab VI
- Software Engineering Lab VII, VIII
- Network technology VII
- Compiler construction VII
- Artificial Intelligence Lab VIII

5. **INFORMATION TECHNOLOGY:**

- Intro to AutoCAD, Office Automation & Web Design Lab. I
- C Programming Lab II
- OOP's with C++ Lab III
- Data Structures Lab III
- Software Engineering Lab IV
- Algorithm Analysis and Design Lab IV
- Computer Graphics Lab IV

- Computer Architecture Lab V
- DBMS Lab V
- Java programming & website design V
- Digital circuits & system II V
- Operating Systems-II Lab VI
- Data Comm. & Networking Lab VI
- Interface Programming VI
- Software Engineering Lab VII
- Network technology VII
- Compiler construction VII
- Mobile Communication Lab VIII
- Embedded Systems Lab VIII

6. **MECHANICAL & AUTOMATION ENGINEERING DEPARTMENT:**

- Work-shop Practices I
- Engineering Graphics I
- Engineering Mechanics II
- Fluid Mechanics III
- Mechanics of solids III
- Mechanical Engineering Drawing III
- KOM/DOM IV
- Machine Shop IV
- Machine Design-I V
- Fluid System VI
- Metal cutting & Tool Design VI
- Machine- Design-II VI
- Computer Aided Manufacturing Lab VII
- Metrology Lab VII
- Mechatronics Lab VII
- Refrigeration and Air Conditioning Lab VII
- Quality Control and Quality Assurance Lab VIII
- Robotics Lab VIII