



Sardar Patel University

NAAC Re-Accreditation: Grade 'A', CGPA-3.11

Department of Electronics

B.S. & M.Sc. Admission 2025-26



About Department of Electronics

The Department of Electronic Science focuses on Integrating Science, Engineering and Technology in Electronics. The ease, precision, sophistication and the flexibility provided by electronics in all walks of life and industrial systems has made it a very important subject of study. The Department of Electronics delivers quality Education Emphasizing Hands-on learning, Innovation and Industry relevance.



M.Sc. Electronics Program

Duration
2 Years
(4 Semesters)

Eligibility

B.Sc with Electronics, Physics, Instrumentation & Control, Electronics & Communications.

Program Highlights

Focus on Industry Ready Core

Subjects :

Semiconductor Science & Devices, Thin Film Technology, IC Fabrication, VLSI Technology, Industrial Electronics & Control Systems, Computer Hardware & Networking, Programming in C/C++, Micro controller, Sensor Technology, Optical Fiber Communications, Digital Signal Processing, Digital & Microwave Communication Systems, Electromagnetism & Antenna Theory

Ph.D. Electronics Program: Advanced Research in Emerging areas of Electronics & Technology.

Career Opportunities

- 📁 Research & Development (R&D)
- 🔧 Electronics Design Engineer
- 🔍 Semiconductor Industry Jobs
- 📡 Telecommunication Sector
- 💻 IT & Software Industry
- 🏢 Public Sector Jobs (PSUs)
- 🎓 Teaching & Academia
- 🤖 Robotics & Automation
- 📊 Instrumentation Engineer
- 📝 Technical Writing & Documentation

B.S. Electronics Program

Duration
4 Years
(8 Semesters)

Eligibility

Candidates must have passed the Class 12 with a science stream

Program Highlights

***Core Subjects:** Digital & Analog Electronics, Power Electronics, Sensors & Actuators, Photonics, Electromagnetics, Modern Communication Systems, Instrumentation, Embedded Systems, Signal Processing.

***Hands-on Labs and Industry Internships.**

Placement Support : On Campus Placement Drive with Renowned Companies.

Certificate Courses Offered :

- Certificate Course on Programmable Logic Controller & Industrial Automation
- Skill Development Course on "Understanding Repair and Maintenance of Home Appliances"
- Value Added Integral Personality Development Course

Why Choose Department of Electronics?

- Industry Collaboration : Strong Connections for Internships, Projects and Placements.
- Skill Development : Focus on Practical skills in Embedded Systems, IoT and Circuit Design.
- Experienced Faculty : Learn from Faculty with vast Expertise and Industry Experience.
- Departmental State-of-the-Art ICT Enabled Classrooms, Advance Laboratories & Library with Internet.
- Research Facilities, Equipment's for Teaching & Research.
- Placement Success : High Placement rate in Leading Tech Companies.



Contact Us:

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