Analog Circuit Design

Explore the published analog circuit syllabus, from MOS device biasing to amplifiers, references and circuit simulation.

What you will study

01	**MOS devices and biasing** MOSFET operation, models, operating regions and bias networks.
02	**Amplifiers** Single-stage and differential amplifiers, gain and active loads.
03	**Current mirrors** Mirror structures, matching considerations and bias distribution.
04	**Operational amplifiers** Op-amp building blocks, compensation and stability concepts.
05	**Frequency and noise** Frequency response, feedback, noise and stability analysis.
06	**References and simulation** Voltage and bandgap reference concepts; circuit simulation and corner analysis.

Batch and learning format

For confirmed start dates, visit the live batch calendar. Online and Hyderabad/Bengaluru classroom options are advertised. Ask admissions to confirm the timetable, seat availability, fees and current lab access for your chosen batch.

Explore the current course page

https://chipxpert.in/analog-circuit-design-vlsi-course-offline-online/

For admissions: +91 83098 18310 | chipxpert.in/contact/