

Career Setu

MARKET DEMANDS :

1. Information Technology (IT) & Computer Science

- **Scope:** Software, AI, cloud, cybersecurity, data science.
- **Salaries:** ₹4–6 LPA (entry), ₹25+ LPA (senior).
- **Reliability:** High demand in digital India.
- **Job Security:** Moderate in private, strong in govt IT.
- **Eligibility:** 12th (PCM) → B.Tech/B.Sc. CS, MCA.
- **Skills Required:** Coding, problem-solving, AI/ML, databases.
- **Future Demand:** Very high (AI, data-driven economy).

2. Mechanical Engineering

- **Scope:** Manufacturing, design, automotive, robotics.
- **Salaries:** ₹3–5 LPA (entry), ₹12+ LPA (senior).
- **Reliability:** Stable but slower growth than IT.
- **Job Security:** High in PSUs & core firms.
- **Eligibility:** 12th (PCM) → B.E./B.Tech Mechanical.
- **Skills Required:** CAD/CAM, thermodynamics, robotics, project mgmt.
- **Future Demand:** Steady; growth in renewable & automation.

3. Electronics & Telecommunication (EnTC)

- **Scope:** Telecom, IoT, semiconductors, embedded systems.
- **Salaries:** ₹3–5 LPA (entry), ₹15–20 LPA (VLSI).
- **Reliability:** Growing due to 5G, chip industry.
- **Job Security:** Stable in telecom & PSU.
- **Eligibility:** 12th (PCM) → B.Tech/B.E. EnTC.

- **Skills Required:** Circuit design, VLSI, IoT, signal processing.
- **Future Demand:** High (5G, chip design boom).

4. Civil Engineering

- **Scope:** Infrastructure, smart cities, construction.
- **Salaries:** ₹3–4 LPA (entry), ₹12+ LPA (senior).
- **Reliability:** Strong in India's infra growth.
- **Job Security:** Very high in govt projects.
- **Eligibility:** 12th (PCM) → B.E./B.Tech Civil.
- **Skills Required:** AutoCAD, structural design, surveying.
- **Future Demand:** High (urbanization, infra investment).

5. Medical (MBBS, Nursing, Paramedical)

- **Scope:** Healthcare, pharma, telemedicine, hospitals.
- **Salaries:** ₹6–12 LPA (entry doctors), ₹50+ LPA (specialists).
- **Reliability:** Extremely reliable; healthcare always needed.
- **Job Security:** Very high worldwide.
- **Eligibility:** 12th (PCB) → NEET → MBBS/BDS/B.Sc. Nursing.
- **Skills Required:** Anatomy, patient care, critical thinking, empathy.
- **Future Demand:** Huge (aging population, medical research).

6. Management (BBA, MBA)

- **Scope:** HR, marketing, finance, consulting.
- **Salaries:** ₹4–6 LPA (entry), ₹40 LPA (IIM grads).
- **Reliability:** High corporate demand.
- **Job Security:** Private competitive, govt stable.
- **Eligibility:** 12th any stream → BBA → MBA (CAT/MAT).
- **Skills Required:** Communication, leadership, analytics, strategy.

- **Future Demand:** Growing with startups, corporate expansions.

7. Education (B.Ed, Teaching, Research)

- **Scope:** Schools, colleges, coaching, EdTech.
- **Salaries:** ₹2.5–4 LPA (entry), ₹12–20 LPA (professor).
- **Reliability:** Stable, teachers always required.
- **Job Security:** Very high in govt jobs.
- **Eligibility:** Graduation → B.Ed/M.Ed, NET/SET for higher studies.
- **Skills Required:** Teaching, pedagogy, content creation.
- **Future Demand:** High (NEP 2020, digital learning).

8. Law (LLB, LLM)

- **Scope:** Litigation, corporate law, judiciary.
- **Salaries:** ₹3–5 LPA (entry), ₹15+ LPA (corporate lawyers/judges).
- **Reliability:** Expanding due to global trade.
- **Job Security:** High in judiciary & govt.
- **Eligibility:** 12th → 5-year LLB OR graduation → 3-year LLB.
- **Skills Required:** Critical thinking, public speaking, legal drafting.
- **Future Demand:** Growing (corporate compliance, legal tech).

9. Agriculture & Allied Fields

- **Scope:** Agri-tech, food processing, research.
- **Salaries:** ₹2.5–4 LPA (entry), ₹10+ LPA (research/agribusiness).
- **Reliability:** Strong in India's rural economy.
- **Job Security:** Good in govt schemes, NABARD, ICAR.
- **Eligibility:** 12th (PCB/PCM) → B.Sc. Agri, M.Sc. Agri.
- **Skills Required:** Crop science, sustainability, biotech, data in agri.
- **Future Demand:** Growing with smart farming & exports.

10. Vocational / Skill-based Fields (ITI, Polytechnic)

- **Scope:** Electricians, mechanics, technicians, industry roles.
- **Salaries:** ₹1.8–3 LPA (entry), ₹6 LPA (skilled).
- **Reliability:** Always in demand, skill-driven.
- **Job Security:** Strong in PSUs & industrial hubs.
- **Eligibility:** After 10th/12th → ITI, diploma, polytechnic.
- **Skills Required:** Technical trade skills, machinery, problem-solving.
- **Future Demand:** Steady with industry needs & MSMEs.