FAST FACTS INDIA 2024

WOMEN FACULTY
In the 2021-2022 academic year, over 630,000 women were employed as teachers or professors in higher education.

ENGINEERING JOBS
According to the World Economic Forum, in 2020, women in India held 20% of the jobs in engineering and 17% of the jobs in Cloud Computing.

WOMEN IN R&D
In 2018, women comprised 17% of the Research and Development (R&D) professions in India.

Bachelor’s Degrees Awarded 2021-22

- Women: 56,766 (25.3%) in Electronics Engineering, 133,769 (38.5%) in Computer Engineering, 3,595 (25.1%) in Chemical Engineering, 1,215 (23.5%) in Civil Engineering, 458 (20.5%) in Mechanical Engineering, and 48 (6.4%) in Metals Engineering.
- Men: 75,985 (42.0%) in Electronics Engineering, 140,775 (38.0%) in Computer Engineering, 3,390 (25.1%) in Chemical Engineering, 10,117 (23.5%) in Civil Engineering, 10,177 (20.5%) in Mechanical Engineering, and 148,254 (6.4%) in Metals Engineering.

Electronics Engineering, IT & Computer, and Computer Engineering bachelor’s programs have the largest proportion of women graduates. Yet, women are substantially underrepresented in Mechanical Engineering, accounting for only 6.4% of graduates.

SWE Gender Scan Survey - STEM Employees

Work Satisfaction
- 76% of women are satisfied with their function and mission at work.

Needs Expressed
- Women need the following support for career improvement:
  - Career management development
  - Mentoring, and networking opportunities
  - Childcare support
  - Flexible working hours

Gender Policies
- A high proportion of Indians are aware and satisfied with their companies’ gender-balance policies. However, 42% of women think the department in charge of gender equality needs more resources to become effective.

Sources
- Society of Women Engineers (2024). Gender Scan: STEM Global Survey.
- The UNESCO Institute for Statistics (2023). Other policy relevant R&D indicators: Female researchers as a percentage of total researchers.