# *NXP Semiconductor* *Women in Tech*

**The World of semiconductor innovation welcomes the WOMEN CHANGEMAKERS**

The time has come for women to embrace early to make a difference in the semiconductor space and empower the future with their knowledge, prowess, and creativity.

Let's be a part of the **"Women in Tech"** program to design and fabricate a safe, secure, and connected world.

**Key features are:**

- Enhance skill through training

- Build experience through hands-on work

- Embrace technology to build enhanced livelihood

**Features and Benefits**

- Monetary reward worth INR 50,000 from NXP
- Preference in internship & job opportunities at NXP
- Technical classes by industry experts for enabling innovation
- Focus on industry relevant practical sessions along with theory
- Student friendly schedule from the comfort of your home

**Timelines**

**Program Timeline**

- **Registration**  20th August – 19th September, 2025

- **Tests Process**

    o Initial Shortlisting – 30th September, 2025

    o Cognitive Assessment and Composition – 6th – 7th October, 2025

    o Test Result Declaration – 16th October, 2025

- **Interview Process**

    o Interviews– 21st – 30th October, 2025

    o Final Result Declaration – 6th November, 2025

- **Launch**  11th November, 2025

**Eligibility Criteria**

- Women students graduating from their B.E./B.Tech. first year in India.

  o Currently pursuing 3rd semester of B.E./B.Tech. Program (2024-2028).

- Students from electronics, computer science and other related engineering courses.

- A regular student from college/university approved by UGC/AICTE in India.

**Course Curriculum:**

1. SOC Architecture Introduction
2. Digital
3. Analog Design Introduction
4. Design Flow
5. Design Architecture, RISC-V & ARM
6. Verification - Introduction
7. Introduction to Emulation
8. DFT Basics (Scan, JTAG, BIST)
9. Introduction to Synthesis & Timing Constraints
10. Placement, Routing & CTS
11. Validation
12. C and OOPs Basics
13. Verilog & System Verilog
14. Embedded Software
15. Python Scripting
16. Mini Projects (frontend & backend)
17. Major Project (frontend/backend)
18. Summary

**Why Should You Join This Course?**

- Opportunity to build a network with silicon tech mentors.

- Selected 75 students will get training and monetary reward based on merit and performance for this program.

- The monetary reward of INR 50,000 per selected student will be awarded on successful completion of the program (TDS will be deducted u/s 194B or as applicable).

- The top performing students will get preference for internship in the 4th year (with the applicable internship norms as per NXP).

**Registration Requirements**

- Valid email ID/Phone number
- Professional Photograph (Scanned)
- College ID card (Scanned)
- 10th and 12th Marksheet (Scanned)
- B.Tech Semesters Marksheet (Scanned)