Company :	**ANALOG DEVICES**
Company Name :	**ANALOG DEVICES**
Nature Of Business :	**Semiconductor**
Designation :	**Digital Design Intern**
Tentative Job Location :	Bengaluru

Analog Devices is a global leader in the design and manufacturing of integrated circuits to help solve the toughest engineering challenges. Analog Devices enables our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure and connect. We create innovative solutions to solve design challenges in instrumentation, automation, communications, healthcare, automotive and numerous other industries.

Analog Devices Inc (ADI) is looking for Digital IC Design and Verification Engineers for its Chip Design and development team in Bangalore, India.

The selected students will work on chip development based on ultra-deep submicron semiconductor process technologies. They will be guided and trained by ADI's experienced design and verification engineers.
This will include

- **Development of key digital blocks and SoCs.**
- **Development of optimal micro-architecture and design by analyzing power, performance and area tradeoffs.**
- **Verification of key digital blocks and SoCs in High Speed signal converter /Communication products.**
- **Definition of testplan, tests and verification methodology for block and chip-level verification.**
- **They will use industry leading CAD tools.**

Essential:

1. **Knowledge of Verilog**
2. **Knowledge of digital circuit design – combination and sequential**
3. **Hands on any scripting languages such as perl/phyton**
4. **Good Analytical skills**
5. **Should be able to work independently and proactive**

Additional Skills being looked for:

1. **System Verilog**
2. **Any projects on FPGA/matlab would benefit**
3. **Understanding of signal processing/filtering background**
4. **Good understanding of ADCs/DACs**
5. **Basic understanding of pipe lining, 8085/any-other-assembly language**

Eligibility: Mtech / Dual Degree in Electronics Engineering with 8+ CGPA academic records and successfully completing Degree in June 2022

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	HSS
BT-BS	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	--
MT	No	No	No	No	No	No	No	No	No	--	--	--	--	--	No	--
DoubleMajor	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	--
dual	No	No	No	No	No	Yes	No	No	No	No	No	No	No	--	--	--
dualB	No	No	No	No	--	--	--	No	No	No	No	No	No	--	No	--
dualC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	No
Msc	--	--	--	--	--	--	--	--	--	No	No	No	No	--	--	--
MSR	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Stipend per month :	**50000/month**
Other Facilities Offered :	**Relocation :25000**
Bond :	**False**
CPI CutOff :	**0.0**
Medical	

Requirments :	
Resume Shortlist :	**True**
Resume Shortlist Criteria:	**CGPA 8**
Aptitude Test:	**True**
Aptitude Test Duration:	**45 MINS**
Group Discussion:	**False**
Technical Test:	**True**
Technical Test Duration:	**90 MINS**
Technical Interview:	**True**
Technical Interview Duration:	**60 MINS**
Number of Techincal Interview Rounds:	**2**
HR Interview:	**False**
Additional Information:	