**Moore’s law definition:**

Moore's law is the observation that the number of transistors in a dense integrated circuit doubles about every two years.

**Why Moore’s law has now stopped being true?**

1. The channel that carries the electrons in the transistor has shrunk to the size of 10nm where it cannot always contain it and there are chances that the electrons escape it.
2. The channeling of electrons causes heat which can damage such a small transistor significantly faster.
3. With more than a billion transistors emitting heat, it becomes difficult to cool down the chip and hence the processor needs to throttle the performance or the voltage intake.