Mind, Thinking & Creativity

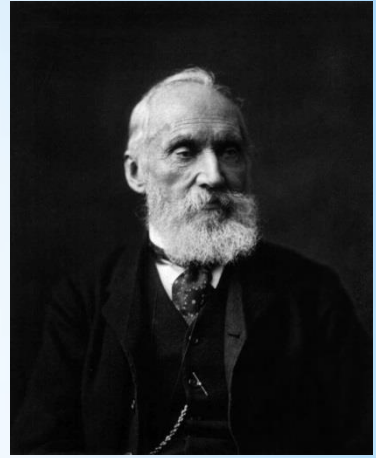# Technological Innovation, Commercial Creativity & Social Change

Vani Senthil

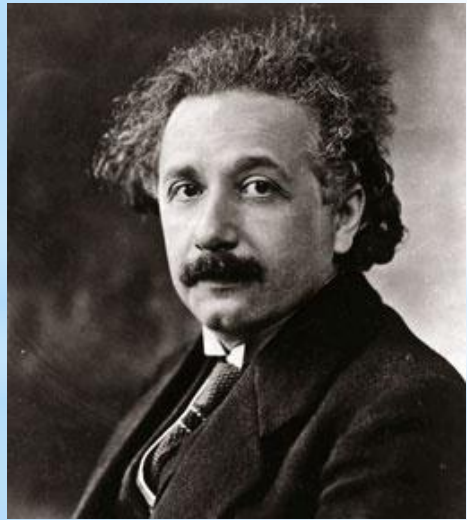### Research Analyst, The Mother's Service Society, India

Future of the Railways

"Rail travel at high speed is not possible because passengers, unable to breathe, would die of asphyxia."

- Dr. Dionysus Lardner (1793-1859), Professor of Natural Philosophy and Astronomy at University College, London

"Heavier-than-air flying machines are impossible" - Lord Kelvin, mathematician and physicist, President of the British Royal Society
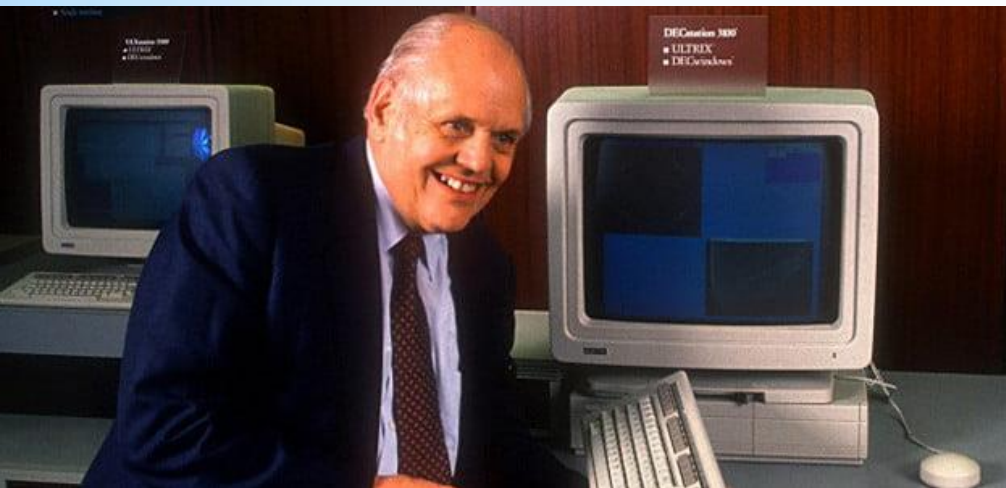

"There is not the slightest indication that nuclear energy will ever be obtainable. It would mean that the atom would have to be shattered at will." - Albert Einstein
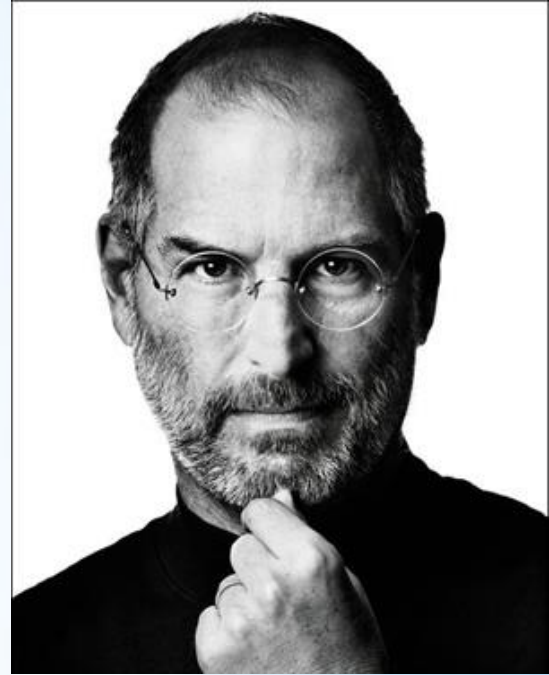
Future of Computer

"I think there is a world market for maybe five computers." - Thomas Watson, President of IBM

"There is no reason anyone would want a computer in their home." - Ken Olsen, founder of Digital Equipment Corporation (DEC), 1977

Steve Jobs returned to Apple in 1997

"I'd shut it down and give the money back to the shareholders."
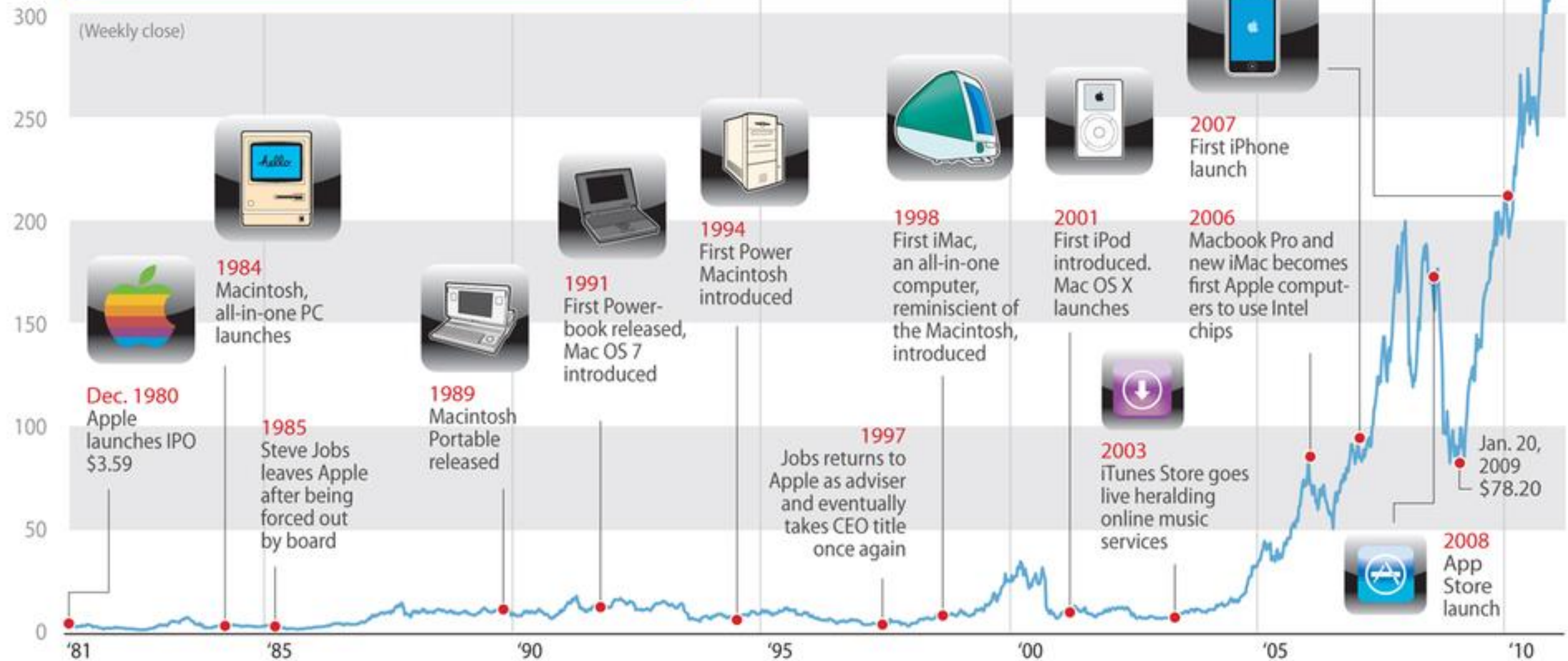
- Michael Dell

Achievements of Michael Dell

- Dell made his first million by age 19.
- In 1996, Dell earned $1 million per day
- In 1997, Dell earned $3 million per day.
- Youngest CEO ever to earn a ranking in Fortune 500
- Largest PC manufacturer.

TIMELINE OF APPLE RELEASES

SHARE PRICES AND KEY PRODUCT RELEASES

(Weekly close)

Jan. 2010 The iPad, a touch-screen tablet media device is launched

Mar. 2 2011 Apple announces the iPad2 $352.00 (1830 GMT)

2007 First iPhone launch

1998 First iMac, an all-in-one computer, reminiscient of the Macintosh, introduced

2001 First iPod introduced. Mac OS X launches

2006 Macbook Pro and new iMac becomes first Apple computers to use Intel chips

1994 First Power Macintosh introduced

1991 First Power-book released, Mac OS 7 introduced

1984 Macintosh, all-in-one PC launches

1989 Macintosh Portable released

Dec. 1980 Apple launches IPO $3.59

1985 Steve Jobs leaves Apple after being forced out by board

1997 Jobs returns to Apple as adviser and eventually takes CEO title once again

2003 iTunes Store goes live heralding online music services

2008 App Store launch

Jan. 20, 2009 $78.20

'81   '85   '90   '95   '00   '05   '10

1998 : Sold 800,000 iMac in five months for $1 billion

2001: Launched iPod
2005: Sales 20 million, 45% of revenue

2001: Launched APPLE STORES
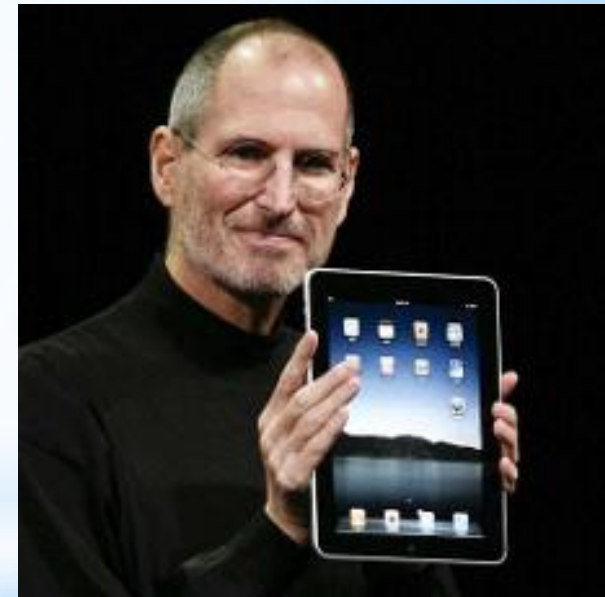**2011: 326 stores, total sales $10 billion**

2007: Launched iPhone

2012 : Annual sales 37 million, 73% of total global profit from cell phone sales

2010 : Launched iPad

2012 : sales 57 million

World's most valuable company with market cap of $800 billion

Integration and Unification of knowledge are acts of Creativity

"There is a fundamental error in separating the parts from the whole, the mistake of atomizing what should not be atomized. Unity and complementarity constitute reality."

- Werner Heisenberg