

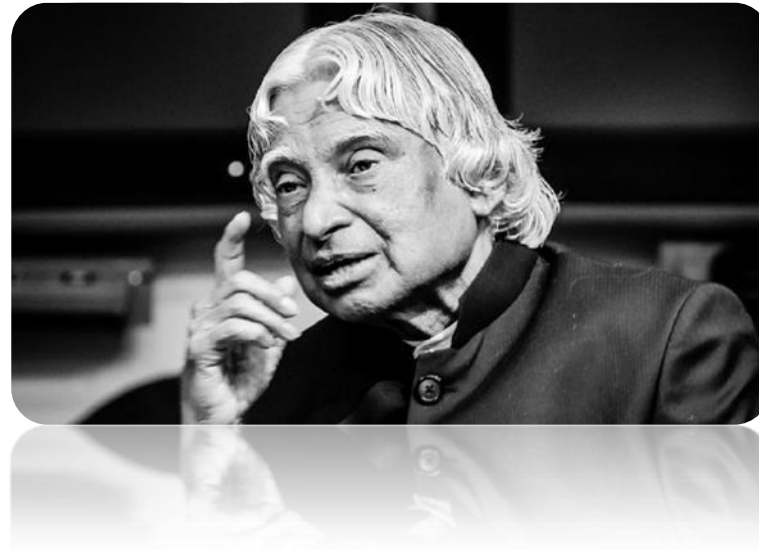


Remembering the Missile Man

Who Inspired the Youth and Taught India to Dream

Who Was He ??...

- ▶ A Scientist
- ▶ An Engineer
- ▶ A Teacher
- ▶ A Writer/Thinker
- ▶ The President



About the Legend



- Full name: **A**vul **P**akir **J**ainulabdeen **Abdul Kalam**
- Birth: 15th Oct 1931, at Dhanushkodi in Rameswaram, TN
- Father: Jainulabdeen Marakayar, a boat owner





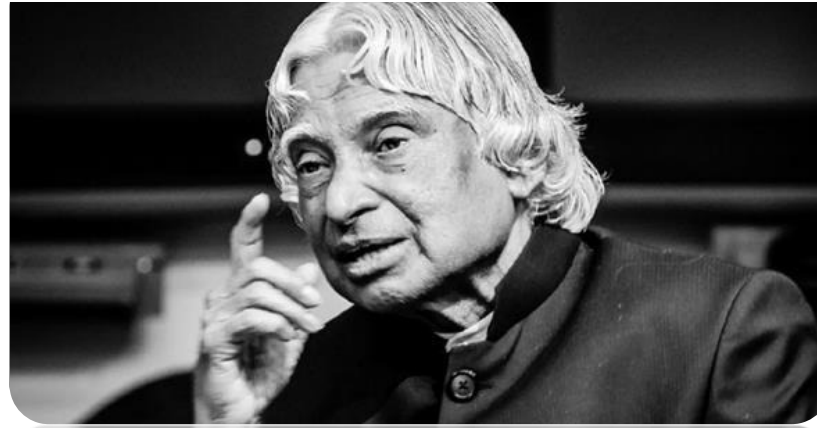
- Primary Education: Rameshwaram elementary school
- Later he settled in Schwartz, Ramanathapuram
 - inspired by his teacher IYADURAI SOLOMON,
 - who told to master three forces - **desire, belief expectation.**
- B.Sc (Phy) from St Joseph college at Tiruchirapalli (1950)
- Aeronautical Engineering at MIT, Madras (1954-1957)
- In 1958, after passing as a graduate, aeronautical engineer, he joined HAL Bangalore as a trainee.

Projects & invention

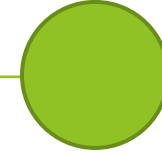
- ▶ Development of SLV-III (ROHINI)
- ▶ Developed missiles: Agni & Prithvi
- ▶ Chief adviser to PM & Secretary (Dept. of Defense R&D)
- ▶ Involved with Pokhran-II nuclear tests
- ▶ **Chief Executive - I G M D program**
- ▶ **Project Devil and Project Valiant (1970s)**
under secret funding from then PM Smt Indira Gandhi



Presidency



25 July 2002,
he became 11th president



25 July 2007,
he retired.

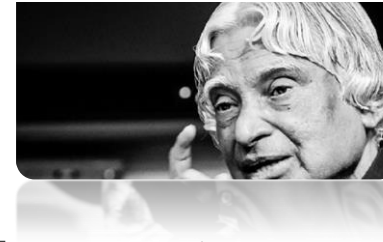
- ▶ He meet 1000's of children During Presidency.
- ▶ That time he known as **People's President.**

A.P.J. - THE PRESIDENT

- Unarguably the most popular President of India - **11th (2002-2007)**
- Conferred **Bharat Ratna** for his services as a Scientist and Nuclear Technology Development
- **First Scientist** and **First bachelor** to Occupy Rashtrapati Bhawan



An Indian Technology Pioneer



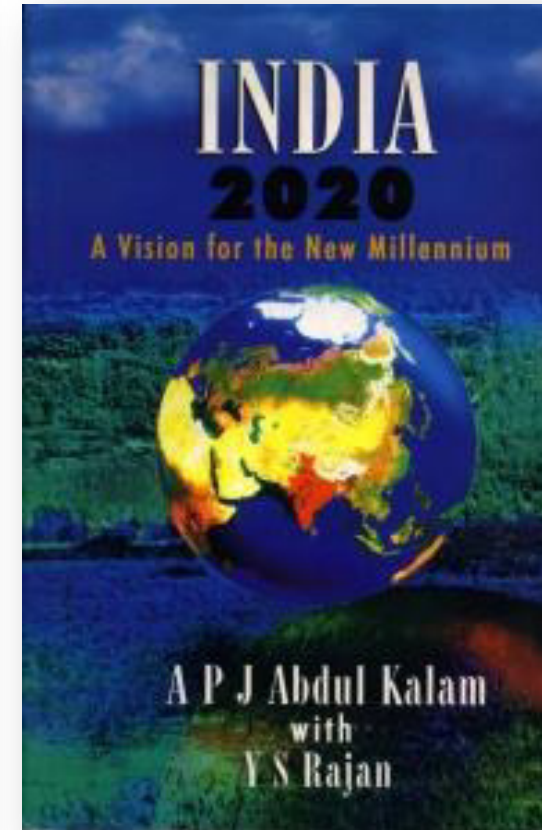
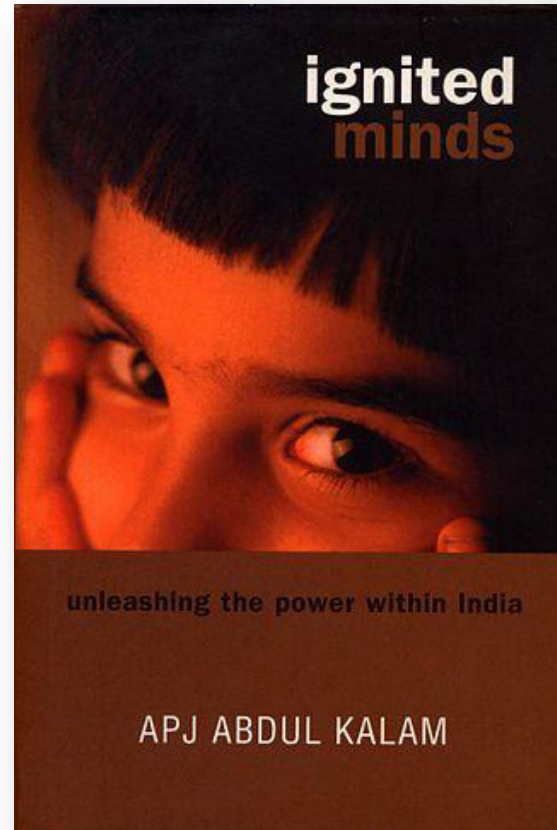
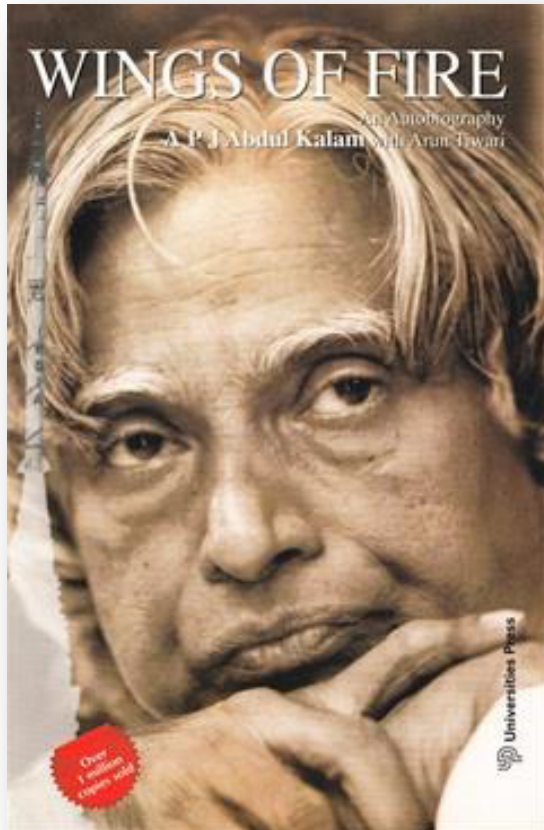
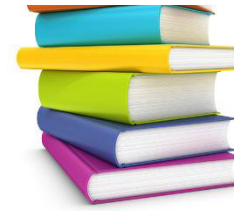
- ▶ Believed in the power of technology to resolve society's problems and his views of these problems as a result of inefficient distribution of resources is modernistic.
- ▶ Saw science and technology as ideology-free areas and emphasizes the cultivation of scientific temper and entrepreneurial drive.
- ▶ Had a lot of support among India's new business leaders like the founders of Infosys and Wipro, who began their careers as technology professionals much in the same way Dr Kalam did.

Awards



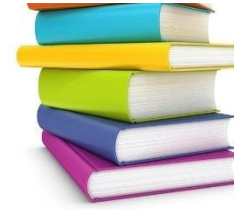
Year	Name of award	Awarding organization
2012	Doctor of Laws	Simon Fraser University
2011	IEEE Honorary Membership	IEEE
2010	Doctor of Engineering	University of waterloo
2009	Hoover medal	ASME Foundation, USA
2009	International von Kármán Wings Award	California institute of technology
2008	Doctor of engineering	Nanyang technological university, Singapore
2007	Honorary doctor of science	University of Wolverhampton, U.K

Books by Dr. Kalam





- ▶ Wings of Fire: *An Autobiography of APJ Abdul Kalam*
- ▶ Ignited Minds: Unleashing the Power Within India
- ▶ India 2020: A Vision for the New Millennium by A.P.J. Abdul Kalam
- ▶ **India-my-dream** by A.P.J. Abdul Kalam
- ▶ **Envisioning an Empowered Nation**: Technology for Societal Transformation by A.P.J. Abdul Kalam;
- ▶ Indomitable Spirit by A.P.J Abdul Kalam



Other Books

- ▶ **Guiding Souls** - Dialogues on the Purpose of Life - 2005
- ▶ **The family and The Nation** - on values of a true family for a Sustainable Society 2008
- ▶
- ▶ **Children Ask Kalam** - 2006
- ▶ **Target 3 Billion** - on Issues prevailing in Rural India -2011

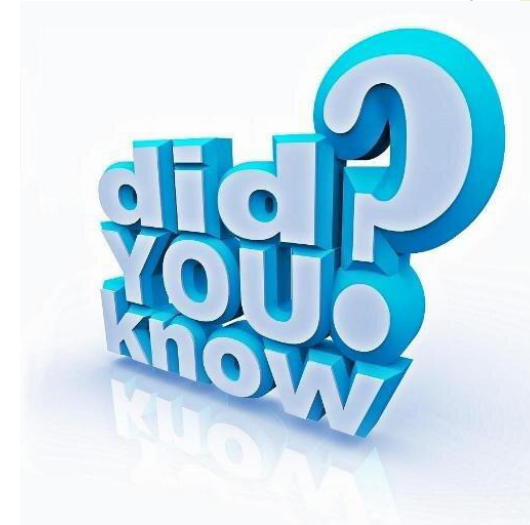
His Personality Traits



- ▶ Inherited Honesty, self discipline ,and Faith in Goodness from his parents
- ▶ Hard Working
- ▶ Determined
- ▶ Possess Perseverance
- ▶ Passionate for the work
- ▶ Artistic
- ▶ Highly spiritual
- ▶ Loving and caring
- ▶ Committed and dedicated for work
- ▶ Positive thinker

Interesting facts

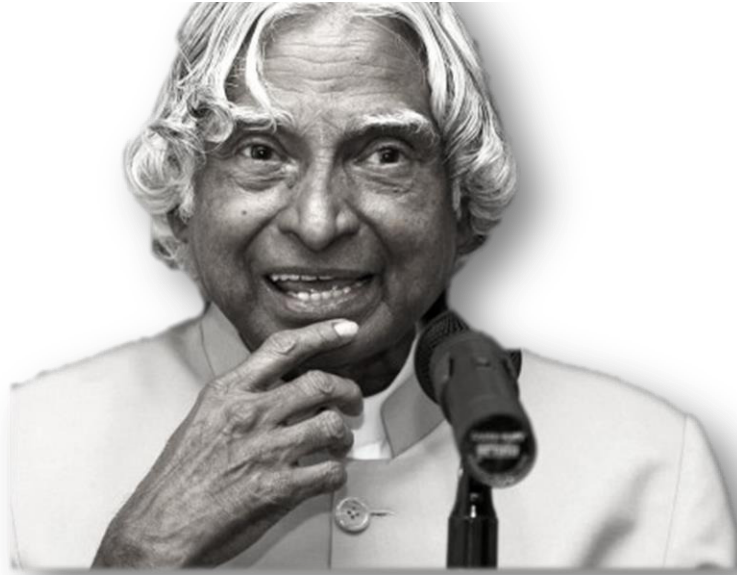
- ▶ began his day by reading from the Bhagwad Gita.
- ▶ was a leading a remarkable ascetic life.
- ▶ He worked for about 18 hours each day.
- ▶ He played the 'Rudra Veena'.
- ▶ Took leave just twice, when his parents died.
- ▶ He was a self-confessed 'Ram Bhakt'.
- ▶ **Developed Low Cost Coronary Stent (Kalam Raju Stent-1998);
Tablet Computer for Health care (Kalam Raju Tablet - 2012)**



Learnings from the story

- ▶ Must try to follow the 'ASK' principle
- ▶ Must have a passion to do the work that you are in.
- ▶ Be a visionary
- ▶ Must have certain rational principles in life which one should always abide by.
- ▶ Be down to earth.
- ▶ Learn to master DESIRE, EXPECT and BELIEF





Dr. APJ Abdul Kalam

Missile-man: Man who inspired the youth and taught India to dream