**Source:**https://aminoapps.com/c/indianamino/page/blog/top-indian-scientists/WJWz\_0ELcXuM3RZY66wQMd6G30mlBVw1qo

### **Top Indian Scientists**



#topindian #featurethis #forcuratorsview

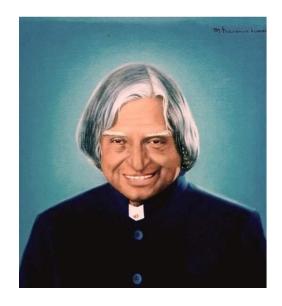


While browsing the internet I got an idea to start a New line of Serial Like Blogs. and wanted to be unique, so the "Series", thought of Naming "\*TOP INDIAN". In this first Blog I thought of the Scientists, who Made India More Proud of its Sons and Daughters, or in other words, Chiwldrenssszzz.

Once the idea Was fixed to do a blog on scientists, ofcourse the first' choice for search was definitely the "\*Wikipedia n Wikimedia\*", my most favourite sites, though Britainica is also a favourite one. Wherever I could Get info from other sites, I am Going to provide with links to the sites either right below the material or at the end of this blog in a separate section.

Hope you enjoy this first post of my new Series named "TopIndian"

 A.P.J Abdul Kalam , Field Aerospace Engineering, President of India, Awarded Bharat Ratna , 2015



Oil on canvas; 30" X 24" When this completed portrait was shown, H. E. Commented: "You have done a wonderful job". Now the portrait is adorning the wall of Ra



Also known as{ 🌠 😨 🥍 ofɪɴ}Rocketman of India

 Chandrasekhara Venkata Raman (C.V Raman)[1] Physics Light scattering Nobel Prize in Physics 1970



Richard Bär (1892–1940), schweizer Physiker und Bankier mit C. V. Raman (1888–1970), indischer Physiker Author unknown



C. V. Raman Photoedit

3. Srinivasa Ramanujan , Mathematics Contributions to mathematical analysis, number theory, infinite series, and continued fractions Fellow of the Royal Society 1920



Srinivasa Ramanujan- Life History | All About Ramanujan | Life Documentary

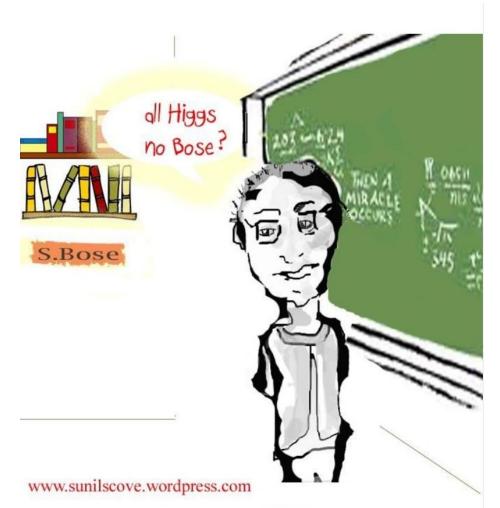


Srinivasa Ramanujan by Konrad Jacobs Srinivasa Ramanujan - OPC - 2.jpg

4. Satyendra Nath Bose Mathematics, physics Bose–Einstein condensate and Bose–Einstein statistics 1974



Satyendra Nath Bose at Dacca University (now Dhaka) in Bangladesh in the 1930s.. Unknown Author,(Unknown authorUnknown author (Courtesy of Falguni Sarkar/The S



All Higgs No Bose?? The Bose behind the **#Higgs** boson- Satyendra Nath Bose. He is also the Bose behind the Bose-Einstein Condensate....

## 5. M. S. Swaminathan , Genetics, High-yielding varieties of wheat and rice in India



Mankombu Sambasivan Swaminathan (born 7 August 1925) is an Indian geneticist and international administrator, renowned for his leading role in India's "Green Re

## Monkombu Sambasivan Swaminathan - Kolkata 2013-01-07 2674.JPG

# Here's why MS Swaminathan is the Father of Green Revolution in India.

Some unknown facts you must know about MS Swaminathan, the man who came to our rescue in the middle of a famine.

- \*\*IN 1960s, INDIA WAS ON THE VERGE OF A MASS FAMINE. MMS
  SWAMINATHAN ALONG WITH NORMAN BOLAUG AND OTHER SCIENTISTS,
  DEVELOPED HYV SEEDS OF WHEAT.
- \*\*This development led to Green Revolution in India and Indian geneticist, Swaminathan was known as 'The Father of Green Revolution'
- \*\*MS SWAMINATHAN DID HIS BACHELOR'S IN SCIENCE IN BOTH ZOOLOGY AND AGRICULTURAL SCIENCE
- \*\*SWAMINATHAN MADE HIS DECISION OF ENTERING THE FIELD OF AGRICULTURE AFTER EXPERIENCING THE 1943 BENGAL FAMINE AND THE SHORTAGE OF FOOD IN THE COUNTRY.
- \*\*HE HAS BEEN CREDITED FOR HIS RESEARCH ON POTATO, RICE, WHEAT, JUTE ETC.
- \*\*Swaminathan served as the Director General of Indian Council of Agricultural Research (from 1972-1979) and International Rice Research Institute (1982-88)
- \*\*In 1979, HE WAS THE PRINCIPAL SECRETARY OF MINISTRY OF AGRICULTURE.
- \*\*In 1988, MS Swaminathan became the President of International Union of the Conservation of Nature and Natural RESOURCES

\*\*IN 1986, HE WAS AWARDED ALBERT EINSTEIN WORLD AWARD OF SCIENCE IN 1986.

\*\*IN 1999, TIME MAGAZINE LISTED SWAMINATHAN IN THE LIST OF MOST INFLUENTIAL ASIAN PEOPLE OF THE 20TH CENTURY.

\*\*The Indian government awarded Swaminathan, Padma Shri and Padma Bhushan, in 1967 and 1972

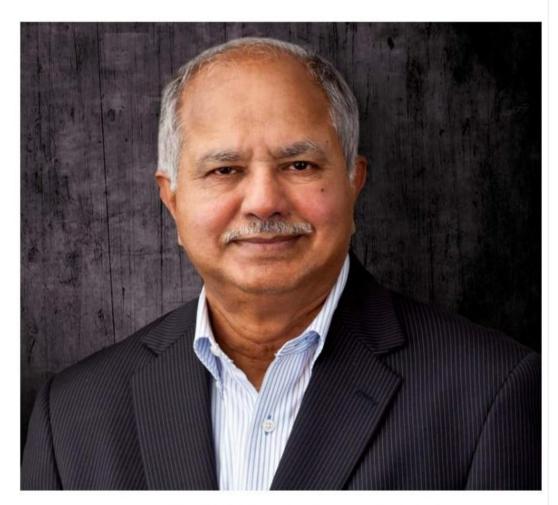
\*\*MS SWAMINATHAN HOLDS OVER 50 HONOURARY DOCTORATE DEGREES.

Isn't the above, impressive, TBH it's astonishing, for me atleast.





6. Raj Reddy ,Computer science, Early pioneers of Artificial Intelligence Turing Award



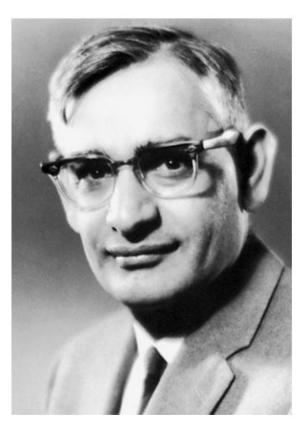
A photo of Prof Reddy has already been uploaded onto Wiki(http://en.wikipedia.org/wiki/File:Photo\_of\_Prof\_Raj\_Reddy\_taken\_in\_Hydera bad.jpg). This is a cropped v

Prof Reddys Photo Cropped.jpg

## Raj Reddy Indian-American computer scientist (born 1937)

Dabbala Rajagopal "Raj" Reddy (born 13 June 1937) is an Indian-American computer scientist and a winner of the Turing Award. He is one of the early pioneers of Artificial Intelligence and has served on the faculty of Stanford and Carnegie Mellon for over 50 years. He was the founding director of the Robotics Institute at Carnegie Mellon University. He was instrumental in helping to create Rajiv Gandhi University of Knowledge Technologies in India, to cater to the educational needs of the low-income, gifted, rural youth. He is the chairman of International Institute of Information Technology, Hyderabad. He is the first person of Asian origin to receive the ACM Turing Award, in 1994, known as the Nobel Prize of Computer Science, for his work in the field of artificial intelligence.

 Har Gobind Khorana, Biochemistry First to show the role of nucleotides in protein synthesis Nobel Prize in Physiology or Medicine (shared) 2011.



Har Gobind Khorana, Biochemistry

Har Gobind Khorana

#### Har Gobind Khorana

Har Gobind Khorana (9 January 1922 – 9 November 2011) was an Indian Pakistani Americans biochemist. While on the faculty of the University of Wisconsin–Madison, he shared the 1968 Nobel Prize for Physiology or Medicine with Marshall W. Nirenberg and Robert W. Holley for research that showed the order of nucleotides in nucleic acids, which carry the genetic code of the cell and control the cell's synthesis of proteins. Khorana and Nirenberg were also awarded the Louisa Gross Horwitz Prize from Columbia University in the same year.

There are SO Many Great Indian Borns, who, Not being Able To get proper opportunity in our country poor only in relative terms of resources, exception being wisdom And talent, have settled in Other economically forward countries. BUT I thinks this will change Over Times Since we Too are on the path of Becoming a developed country.

#### 8. K. S. Chandrasekharan Mathematics 2017



K. S. Chandrasekharan Author Conrad Jacobs, Erlangen

#### K. S. Chandrasekharan

Komaravolu Chandrasekhar (21 November 1920 – 13 April 2017) was a professor at ETH Zurich and a founding faculty member of School of Mathematics, Tata Institute of Fundamental Research (TIFR). He is known for his work in number theory and summability. He received the Padma Shri, the Shanti Swarup Bhatnagar Award, and the Ramanujan Medal, and he was an honorary fellow of TIFR. He was president of the International Mathematical Union (IMU) from 1971 to 1974.

9. Hari Om Srivastava, Broadcasting Socio-economic development by use of broadcasting in India Knights Hospitaller



Hari Om Srivastava, Broadcasting Author Unknown

Prof.Dr.Sir Hari Om Srivastava | Everypedia the Wiki

Dr. H. O. Srivastava receiving D.Litt degree

#### About the Founder Prof. Dr. Sir Hari Om Srivastava



Dr. H. O. Srivastava

Prof. Dr. Sir Hari Om Srivastava is the President of the Foundation. Earlier as Engineer-in-Chief (HAG of IB(E)S equivalent to Addl Secretary to Govt. of India) in Directorate General All India Radio, he has been responsible for expansion of broadcast system in the country. He established IT Division of All India Radio, formulated and piloted the proposal for establishment of BECIL, a public sector undertaking of Min of I&B, established AIR Resources, a wing for sharing infrastructure of Al India Radio and Doordarshan with private broadcasters, among others. He worked for the policy formulation of Community Radio Stations (CRSs) from Directorate General and was pivotal in signing a number of MOUs for consultancy for expansion of broadcasting in private sector. This included MOU with IGNOU for setting up 40 nos. of 10 kW FM stations in the country for educational broadcasts, 12 MOUs with private broadcasters for commercial FM stations, and a number of MOUs for CRSs such as CMS Lucknow, Banasthali Vidyapeeth, PG college Ghazipur, Sardar Patel University Gujarat, FTII Pune, Ministry of Agriculture etc. he was also pivotal in helping Ministry of Agriculture in establishing network for agriculture broadcast for the farmers in the entire country using AIR/TV network.

#### Career & Asignments

He joined Indian Broadcasting Service (IES) in 1972 and has been responsible for management and expansion of broadcast network in India. He superannuated in 2007 at the level of HAG (Addl. Secretary to the Govt. of India). He worked as Commonwealth Expert in 1991 and ITU Expert in 1992.

Dr. Srivastava was Chairman of IETE, New Delhi During 2000-2002.

His areas of interest are Information System, Digital storage,
Multimedia Broadcasting and Broadcast application for social
issues. He is keenly associated with expansion of CRS and other
means of new media for social cause.

For More details on Dr. H. O. Srivastava and His astounding work
In Broadcasting area see the following Link ②: Dr. H. O.

Srivastava S

EVEN THOUGH THE WIKIPEDIA.ORG DOESN'T INCLUDE IN TOP INDIAN SCIENTISTS, I THOUGHT OTHERWISE AND HENCE INCLUDED IN THIS BLOG, THERE MAY BE SO MANY OTHER SCIENTISTS WORTHY OF MENTION BUT, ME BEING ,64, THERE IS A LIMIT TO MY ENERGY, HENCE I INCLUDE ONLY ONE TO COMPLETE THE TENET OF TOP INDIAN SCIENTISTS AND TAKE A REST, AND THAT TENTH ONE IS REMEMBER, IS BY NO-MEANS A NOBODY, BUT IS REALLY THE KOHINOOR OF INDIA IN THE FIELD OF SCIENCE.

## 10. Jagdish Chandra Bose, Twitter remembers scientist JC Bose on death anniversary. Who was he?

On the death anniversary of one of the most prominent first Indian scientist, Sir Jagdish Chandra Bose, Twitter remembers him and his accomplishments.

On May 10, 1901, at the jam-packed hall of Royal Society, London he, JC Bose, demonstrated how plants have life with crescograph. He invented telegram.

most prominent first Indian scientist, Sir Jagdish Chandra Bose.



Jagdesh Chandra Basu - class-4

## Sir Jagdish Chandra Bose. On YouTube

©|anafaoaramaataiaoana aanada paiacatauaraeasa aaraea maoasatalaya faraoama tahaea faoalalaoawaianaga Laianakasa aanada Ablasaoa oatahaearasa ⊗ :aaaa

<u>#1□#Top Indian Scientists□</u>

#2 #Prof. Dr. Sir Hari Om Srivastava

Please read this blog in the following link.- \$#[5]#cartoon festival

