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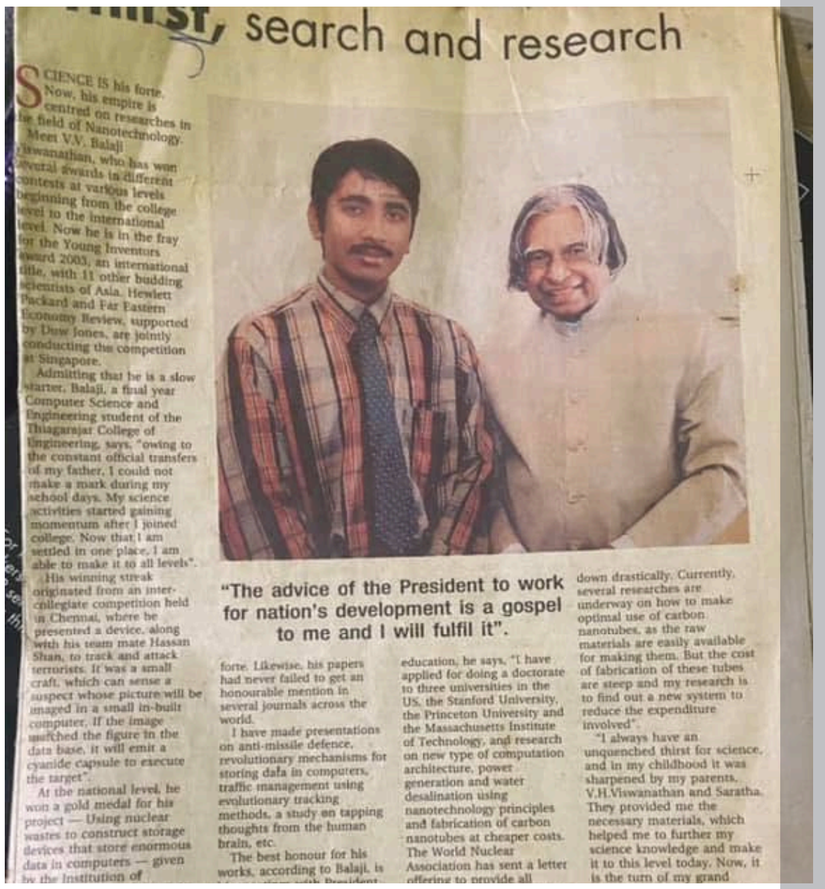
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YOUR INSTRUCTOR

Dr. Balaji Viswanathan



Founder, Modern AI Pro · CEO, Mitra Robot · PhD (human-robot interaction)



search and research

SCIENCE IS his forte. Now, his empire is centred on researches in the field of Nanotechnology.

Meet V.V. Balaji Viswanathan, who has won several awards in different contests at various levels beginning from the college level to the international level. Now he is in the fray for the Young Inventors award 2003, an international title, with 11 other budding scientists of Asia. Hewlett Packard and Far Eastern Economy Review, supported by Dow Jones, are jointly conducting the competition at Singapore.

Admitting that he is a slow starter, Balaji, a final year Computer Science and Engineering student of the Thiagarajar College of Engineering, says, "owing to the constant official transfers of my father, I could not make a mark during my school days. My science activities started gaining momentum after I joined college. Now that I am settled in one place, I am able to make it to all levels".

His winning streak originated from an inter-collegiate competition held in Chennai, where he presented a device, along with his team mate Hassan Shan, to track and attack terrorists. It was a small craft, which can sense a suspect whose picture will be imaged in a small in-built computer. If the image matched the figure in the data base, it will emit a cyanide capsule to execute the target".

At the national level, he won a gold medal for his project — Using nuclear wastes to construct storage devices that store enormous data in computers — given by the Institution of

"The advice of the President to work for nation's development is a gospel to me and I will fulfil it".

forte. Likewise, his papers had never failed to get an honourable mention in several journals across the world.

I have made presentations on anti-missile defence, revolutionary mechanisms for storing data in computers, traffic management using evolutionary tracking methods, a study on tapping thoughts from the human brain, etc.

The best honour for his works, according to Balaji, is

education, he says, "I have applied for doing a doctorate to three universities in the US, the Stanford University, the Princeton University and the Massachusetts Institute of Technology, and research on new type of computation architecture, power generation and water desalination using nanotechnology principles and fabrication of carbon nanotubes at cheaper costs. The World Nuclear Association has sent a letter offering to provide all

down drastically. Currently, several researches are underway on how to make optimal use of carbon nanotubes, as the raw materials are easily available for making them. But the cost of fabrication of these tubes are steep and my research is to find out a new system to reduce the expenditure involved".

"I always have an unquenched thirst for science, and in my childhood it was sharpened by my parents, V.H.Viswanathan and Saratha. They provided me the necessary materials, which helped me to further my science knowledge and make it to this level today. Now, it is the turn of my grand

Age 20 — national Young Inventor, with President Abdul Kalam (2003)



With Nobel laureate Muhammad Yunus — technology that serves people

TWO DECADES OF BUILDING AI & ROBOTS

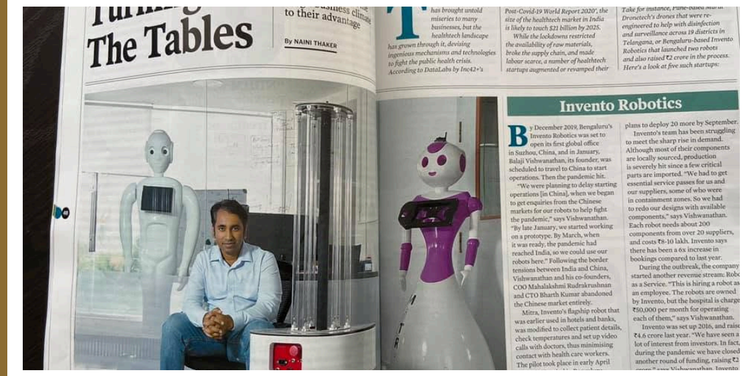
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