



(7) A brief Case Study On Howard University

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- Approach - Case Study

Objective - what, Where ,when ,how and why .

1. What is the contribution of Harvard University in the world?
2. How Howard University become global leader in education and innovation?
3. why Howard University is ranked among the top 5 university of the world?

Harvard University Founded in 1636, one of the most prestigious and highly rated in the world. Academic staff : 2,400 faculty members. Students: 19,218. Ranked 3rd amongst the top 5 universities in the world. The university has a rich tradition of producing global leaders, scientists, entrepreneurs like JF Kennedy.

Harvard University Notable Alumni

Harvard graduates have made substantial and creative contributions to society, the arts and sciences, business, and national and international politics for more than three and a half centuries. Eight US presidents, 188 surviving billionaires, 79 Nobel laureates, 108 Olympic medals under (including 46 gold medals), and founded a slew of prominent businesses around the world.

Famous Notable Alumni of Harvard University

John F. Kennedy, BaraqObama, Ratan Tata, Anand Mahindra, Steve Jobs, Mark Zuckerberg etc.

Let's talk about the contribution of Narayan Vidyalaya in Upcoming 10 years.

Process (System) oriented approach of teaching, learning, research & innovation. Research based teaching and learning approach to make our students a great visionary personalities. Teaching can be divided in to other sub domains.

Our Teaching Style (System)we designed a system which is highly focus upon

1. Sitting
2. Studying
3. Thinking
4. Approach
5. Understanding
6. Learning (what ,where ,when ,how and why)
7. Implementation (application)
8. To boost research and innovation.

Think Big But Start SMALL



Conclusion - In upcoming 10 years Narayan Vidyalaya is almost set the world level school. which will be providing numbers international scientists, Doctors, artists, generalists, engineers, and personalities with greater vision and mission etc.

**When wealth is Lost Nothing is Lost,
When Health is Lost Something is Lost,
When Character is Lost Everything is Lost**

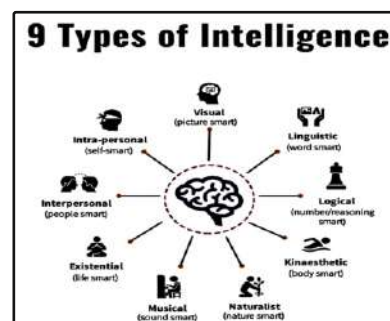


(8) Shrinivas Ramanujan

Biography: Shrinivas Ramanujan was born on 22nd December 1887 in MADRAS (Tamilnadu – Erode) His father's name was Kuppuswamy and mother Komaltammal. His primary education started from villages school. He was very brilliant in Maths. When he was 15 years old, he obtained a copy of George shoobridge carr's Synopsis of Elementary Results in pure and applied Mathematics, 2 vol. (1880-86). Thousand of theorems of Ramajune extractable our further by this colloction. This collection of thousands of theorems of Ramanujan.

Contribution to the world of mathematics:

- In 1900 discovered summing geometric & arithmetic series
- In 1902 solved cubic Eqn & quadratic Equation
- In 1908 studied continued fraction & divergent series
- In 1911 published 1st journal of Indian mathematical society
- Invent own method of solving quadratic Equation
- $ax^2+bx+c=0$
- Game theory, infinite series
- Discovered theta function, modular function
- Partition sum of squares, triangular function
- Ramanujans Tau function
- Infinite series of pi
- Gave 2000 contribution to continued fraction
- Ramanujans number theory apply in cryptography
- Compiled nearly 3900 results
- Investigates “Eulers constant”
- Bernoullis number
- In 1919 discover “Mock theta function”-to understand “Black Hole”.
- Mock theta –diagnosis cancer, determine formula of medicines



Ramanujan contribution extends to mathematical friendly such as complex analysis, number theory, infinite series and continued fraction. infinite series for PI: in 1914, Ramanujan found a formula for infinite series for PI, which forms the basis of many algorithms used today. Srinivas Ramanujan honoured was the greatest mathematician of our nation.

Conclusion:

How Narayan Vidyalaya contributed to the world of mathematician?

- one of our past student qualified with PHd in mathematical and give his contribution in the world of mathematics. we make our students more accurate in maths, so they can involve themselves in research of maths. we encourage our student to convey out new research project, so they can be progressive in their life like Ramanujan.