

## Physics & Chemistry ds Nobel prize dh rjg gh Maths ea World dk l cl s cMk prize gkrk gS 'Fields Medal' and 'Abel Prize'.

Physics & Chemistry dh rjg Maths ds area ea world dk l cl s cMk Fields Medal gkrk gA ; g "kq gqk gS 1936 l A bl s Bhd l s tku yk vj l e> yk rkd , d fnu rpe Fields Medal ydj Hkjr dk uke Apk djka

### (1). Fields Medal

'John Charies Fields' established the Fields Medal, which has played the role of the Nobel prize in mathematics.

The International congress of Mathematicians at Zurich in 1932 adopted his proposal and the Fields Medal was first awarded in the next congress held at Oslo in 1936. Fields Medals were not awarded during World II so the second Fields Medals were not awarded until 1950.

Fields wished that the awards should recognize both existing mathematical work and also the promise of future achievement. To fit with these wishes Fields Medals may only be awarded to mathematicians under the age of 40.

In year 2010 Fields Medals were awarded to four Mathematicians in International Congress of Mathematicians held at Banglore, India.

### (2). Abel Prize

The Abel Prize is an international prize presented annually by the king of Norway by the King of Norway to one or more outstanding mathematicians. The Abel prize is named after great Norwegian mathematician Niels Henrik Abel who died at the age of 27 only (1802-1829) and is given in recognition of outstanding contribution to mathematical science. It has been awarded annually since 2003. Abel has often been compared with the Indian Mathematical genius Shri, Srinivasa Ramanujan. The Abel Prize has also been often described as the 'Mathematician's Nobel Prize' because it is comparable in prestige value & eligibility to the Nobel Prize which does not cover maths and is among the most prestigious awards in mathematics. It comes with a monetary awad of six million kroner,

; lfu 6000.000 Kroner US\$ 1029.000. The prize was first proposed to be part of the 1902 celebration of 100<sup>th</sup> anniversary of Abel's birth. But in August 2001, the Norwegian government announced that the prize would be awarded beginning in 2002, the two-hundredth anniversary of Abel's birth. The first prize was actually awarded in 2003. Fields Medal & Abel Prizes are an attempt at creating publicity for mathematics, making the discipline more prestigious, especially for young people.

Abel Prize which is awarded annually since its inception in 2003, is virtually regarded as the de facto Nobel Prize in Mathematics.

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### **2007 Abel Prize for Shri S R S Varadhan**

The prestigious Abel Prize for 2007 has been awarded to Indian born mathematician Professor S.R. Srinivasa Varadhan by the Norwegian Academy of Science and Letters. The honour is in recognition for his fundamental contribution to probability theory and in particular for creating a unified theory of large deviations. Born in 1940, Varadhan got his B.Sc. from the Presidency College, Chennai in 1959 and PhD from the Indian Statistical Institute, Kolkata in 1963. He has been working at the Courant Institute of Mathematical Science, New York since 1963.

Hungarian mathematician Endre Szemerédi got the 2012 Abel Prize.