



The Department of Physics, Jamia Millia Islamia, takes immense pleasure in inviting you to attend the

## **IX Abdus Salam Memorial Lecture 2011-12**

by

**Prof. R. Rajaraman**

Jawaharlal Nehru University

on

## ***Nuclear Energy: Problems and Prospects***

**Friday, 24<sup>th</sup> February 2012 at 3:30 P.M.**

Venue: Auditorium, Faculty of Engineering and  
Technology, Jamia Millia Islamia, New Delhi

# Abdus Salam Memorial Lecture 2011-12

## Jamia Millia Islamia New Delhi

Professor Abdus Salam, Nobel Laureate in Physics (1979), has been one of the greatest exponents of physics in the last century. Professor Salam is famous for that electroweak theory which is the mathematical and conceptual synthesis of the electromagnetic and weak interactions - the latest stage reached until now on the path towards the unification of the four fundamental forces of nature. He was the main force behind setting up of the International Centre for Theoretical Physics (ICTP), Trieste, Italy, which provided a way for scientists in the third world countries to continue working for their own communities while still having opportunities to remain first-rate scientists.



The Abdus Salam Memorial Lecture, started by the Department of Physics, Jamia Millia Islamia, New Delhi, tries to perpetuate the ideas that Salam believed in; namely the need for developing countries to encourage education and research in the fundamental sciences. An eminent person of science is invited each year to deliver this lecture. The style and content of the lectures is such as to inspire and to convey the excitement of new discoveries, ideas and challenges.

## "Nuclear Energy : Problems and Prospects"

### R. Rajaraman

School of Physical Sciences  
*Jawaharlal Nehru University*  
*New Delhi.*



**3:30 PM, Friday, 24th February 2012**

**Auditorium, Faculty of Engineering and Technology**  
**Jamia Millia Islamia, New Delhi.**

Prof. R. Rajaraman is Emeritus Professor of Physics at Jawaharlal Nehru University, New Delhi and Co-Chair, International Panel on Fissile Materials (IPFM). He completed his Ph.D. from Cornell University, U.S.A. in 1963 under the guidance of Nobel Laureate Prof. Hans A. Bethe. He has worked on High Energy Physics, Nuclear theory, Quantum Field Theory, Soliton physics, Statistical Mechanics and Quantum Hall systems.

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