

Challenge Lecture Series

at IIT Hyderabad

by

Prof. D Balasubramanian

Director, Research

LV Prasad Eye Institute

Title: "Material Science Meets the Eye-Some Yet-To-Be Solved Problems and Challenges for You"

Venue: Lecture Hall - 3



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology
Hyderabad

Date & Time: 3 October 2012 at 3:30 pm

All Are Welcome!

Abstract of the talk

"Material Science meets the Eye-some yet-to-be solved problems and challenges for you". In this talk, I wish to interact with the audience, pose some questions which need novel and out of the box ideas as answers. For example, can we make the human cornea in the lab, and not just depend on eye banks and donor corneas? Or how to implant a whole retina on a blinding person; or how to help a blind person live as normal a life as I do? I focus on the eye because I work with the eye, but the challenges are more generic.

Biography of the Speaker



Professor D Balasubramanian joined LVPEI's Prof Brien Holden Eye Research Centre after an illustrious scientific career, which included positions such as Director, Centre for Cellular and Molecular Biology, and Professor and Dean, University of Hyderabad. He is the Director of Research at L V Prasad Eye Institute. He was honored by the Government of India with the Padma Shri in 2002, and has received several other awards from professional and institutional bodies. Notable among them are the Kalinga Prize for the popularization of science from UNESCO, the Third World Academy of Sciences Award for Basic Medical Science, and the Chevalier de l'Ordre National du Merite from the President of France. Prof Balasubramanian's research focuses on the biology of eye diseases. He has over 160 publications in national and international journals and has authored three books. He is a member of several editorial boards and serves on a range of national and international scientific committees. Currently, he is President of the Indian Academy of Sciences, and Secretary General of the Academy of Sciences for the Developing World (TWAS), Trieste, Italy.