



# Physical Research Laboratory, Ahmedabad

## COLLOQUIUM - 13 – 12

**Speaker: Dr. Ashima Anand**

Principal Investigator, Exertional Breathlessness Studies Laboratory ,  
Vallabhbhai Patel Chest Institute, University of Delhi, New Delhi.

**Title: Determining Authorship: Criteria & Ethical Niceties.**

### Abstract

Over the past three decades, I have been involved in various issues that come under the purview of "Universality of Science" which is a statute of the International Council of Scientific Unions. These are 'Freedom' of scientists to engage in scientific activity with freedom of movement, association, expression and communication and 'Responsibility' of scientists at all levels to carry out, communicate scientific work with integrity, respect, fairness trustworthiness. I would discuss the issue of communication of scientific work i.e., writing of scientific papers with respect and fairness. Appropriate authorship which involves granting due credit to those contributing substantially is an important aspect of this.

### The Speaker

Dr. Ashima Anand obtained her BSc (1969) and MSc (1971) degrees from the Delhi University and PhD (1978) from the Physiology Department of Vallabhbhai Patel Chest Institute, University of Delhi. She has worked at Oxford on an MRC grant (1977); the School of Hygiene, Johns Hopkins University, Baltimore on a Francis B Parker Fellowship (1978); the Max-Planck Institute of Systemphysiologie, Dortmund as a Max-Planck Fellow (1980) and the Prince of Wales Medical Research Institute (1997 and 2006). Dr. Anand has been working in the field of physiology and has concentrated on the control mechanisms of the cardio-respiratory system especially the sensory receptor inputs. Dr. Anand's recent pursuits have been to combine physiology with clinical sciences, to identify the origin of neural pathways or mechanisms underlying exertional breathlessness with exercise with an objective to alleviate the dyspnoeic distresses of patients with cardio respiratory disease.

Prof. Anand is a Member of the Committee on Ethics of the International Union of Physiological Sciences (IUPS) and helped set up collaborative research projects successfully with the Medical School in Shiraz (Iran). She is a Fellow of the Indian National Science Academy (INSA), National Academy of Medical Sciences (India) and the Academy of Sciences for the Developing World (TWAS); a Member of the Third World Organization of Women in Science and the Physiological Society, UK. She has served on INSA's Council and on committees for Science Promotion, Women Scientist Schemes, and Occupational Health Hazards of Women. She is a recipient of INSA Medal for Young Scientists (1982), PB Sen Memorial Oration by Physiological Society of India (1999), Kshanika Award by Indian Council of Medical Research (2002), Sir Sri Ram Oration by National Academy of Medical Sciences (I) (2003) and K.N. Seneviratne Memorial Oration by Sri Lankan Physiological Society (2004).

**Wednesday: 20 March, 2013, 16:00 hrs.**

**K.R. Ramanathan Auditorium, PRL**

**Tea at 15:30 hrs**

**ALL ARE WELCOME**



Let us pledge, to make this year,

**A YEAR OF NEW SCIENCE, NEW DISCOVERIES and DEEPER SOCIETAL COMMITMENT**