NATIONAL CONFERENCE ON “OCCUPATIONAL AND ENVIRONMENTAL RADIATION PROTECTION”

The Indian Association for Radiation Protection (IARP) will be organising its 27th National Conference during November 23-25, 2005 at the Multipurpose Hall, BARC Guest House, Anushaktinagar, Mumbai 400 094.

Indian Association for Radiation Protection (IARP) is a non-governmental organisation (NGO) of radiation protection professionals in India and an affiliate of International Radiation Protection Association (IRPA). Its main objective is to promote the science of radiation protection in nuclear technology and in the applications of ionizing radiation in industry, medicine, agriculture and research. Its important activities include organisation of workshops, seminars, national and international conferences, public awareness programmes and arranging training courses. IARP provides an excellent platform to communicate, exchange and share with the professionals as well as the public, the latest developments and experiences in the area of radiation protection of the workers, public and that of the environment. Yet another notable activity of IARP is the quarterly publication of an international scientific journal. Radiation Protection and Environment. IARP is a national organisation and has its chapters spread out throughout India. It has been serving the international and national scientific communities for the past 37 years.

IARP NC-2005 will be devoted to ‘Occupational and Environmental Radiation Protection’. The detailed thematic areas of the conference are listed below:

- **Occupational Radiation Protection**
  - In Nuclear Fuel Cycle Facilities
  - In Waste Management & Decommissioning
  - In Accelerator Facilities
  - In Medicine, Industry & Research
  - Infrastructure Developments
  - Operational Radiation Protection & its Optimisation

- **Radiation Protection of the Environment and Public**
  - Radon Exposures
  - Enhanced Natural Exposures (Air Crew)
  - Liquid & Gaseous Discharges
  - Waste Disposal & Decommissioning
  - Environmental Surveillance
  - Modelling Exposure Pathways
  - Malevolent use of Radiation Sources

- **Radiation Protection Dosimetry & Instrumentation**
  - External Dosimetry
  - Internal Dosimetry
  - Biological Dosimetry
  - Radiation Detection Instrumentation

- **Management of Unusual Occurrences, Incidents and Accidents, and Emergency Preparedness**
  - In Nuclear Fuel Cycle Facilities
  - In Public Domain
  - Orphan Sources

- **Occupational Radiation Protection**
  - Radiation Biology
  - Epidemiology
  - Risk Factor Evaluations

In addition, there will be a Panel Discussion on "ICRP Recommendations on Radiation Protection – Past, Present and Future".

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