

**YOUNG SCIENTIST WORKSHOP ON PARASITIC and MICROBIAL TAXA BIODIVERSITY
and AQUACULTURE IMPLICATIONS**

23–28 September 2006

And

NATIONAL SYMPOSIUM ON BIOSAFETY PERSPECTIVES

25–26 September 2006

The Taxonomic Impediments in distribution of species have emerged as strong detractors of most of the available information in the field of Biodiversity for which extension of outreach comprises a significant part of any solution. **A taxonomist is seriously handicapped with the daunting task of implementing comparison** of morphological data on one hand, and the challenge of application of most modern Biostatistical and Molecular tools in Taxonomy. Therefore, the 6-day's Young Scientist Workshop w.e.f 23–28th September 2006 has been organized to impart training to younger taxonomists for giving them exposure:

- (i) To intricacies of helminth **coevolution**, host switching, speciation, host specificity & adaptation by actual specimen study, and
- (ii) To analyse and **interpret predictive hypothesis** of helminth disease outbreaks.

The focus of attention would be on the following:

- (i) Ecosystem health and taxonomy of organisms.
- (ii) Status of faunal biodiversity.
- (iii) Parasite taxonomy: Aquaculture implications.
- (iv) Biotechnological tools in taxonomy research
- (v) Taxonomy of microbial pathogens in food.
- (vi) Informatics Infrastructure in Taxonomy.
- (vii) Taxonomy and diagnostics interrelationship – Advances in Immunodiagnostics.
- (viii) Legal framework in taxonomy research.

On the sidelines of this Workshop a '**National Symposium on Biosafety Perspectives**' has been organized w.e.f. 25–26th September 2006 to address the following issues:

- (i) Microbial and parasitic entities as potential hazard to biosafety.
- (ii) Alternative strategies for biosafety.
- (iii) Genetically modified and live modified organisms as threat to biosafety.
- (iv) Laboratory generated microbial pathogen containment.
- (v) Principles of biosafety.
- (vi) Bioterrorism.
- (vii) Detection of biological pathogens.
- (viii) Treatment of infectious diseases.
- (ix) Chemical weapons and neurotoxins.

Detailed information on twin meetings is available on www.genotoxicityindia.com

Twenty young scientists are to be selected for the Workshop. Last date – 21st September 2006. No fee will be charged. Workshop medal, Prof. Vireshwar Nath Capoor Gold Medal and Best Poster Medal, Lt. Prof. Sohan Lal Mishra Gold medal shall be awarded. Apply on format available on the website.

Send National Biosafety Symposium Abstract (200 words) on format available on website. Last Date – 20th September 2006. See Registration details on website.

Director – Prof. Sandeep K. Malhotra, D.Sc.