

International Conference on Environmental Health and Technology

15 - 17th March 2010

As we rise to the challenge of making a healthier society, the ancillary impact of the economic growth in the country will become more widespread. We must not forget the importance of a good and sustainable environment even as we make economic advancements. Keeping in view the above agenda the **Centre for Environmental Science and Engineering (CESE)** at IIT Kanpur organized an international conference with experts engaged in public health research in the areas of medicine, engineering and ecology.

The conference brought together experts from these fields to generate ideas for medicine, environmental technologies, biological sciences and related research development. This synergy would multiply the potential benefits for better human health. This was accomplished via invited presentations and round table discussions.

The themes for the conference were:

- Air quality, Occupational Environment and Health
- Water, Hazardous pollutants and Health
- Environment-related Diseases, Treatment and Prevention
- Genomics and Health, Remediation Technologies
- Role of Information Technology

The conference provided a unique opportunity for international participants to explore and contribute towards environmentally induced health issues, common in developing countries, often due to high levels of environmental pollution. The need for low-cost effective technology is high on the agenda of any society and the conference participants came together to develop solutions. There were several presentations on new and current technologies.

The issue of emerging contaminants, their assessment, fate processes and health impacts are something that experts are grappling with all over the world. Some presentations focused on these contaminants and sought ways of handling them. There were several talks and poster presentations on environmental monitoring and modeling that provided insightful assessments and diagnostics for future prediction and forewarning. The student posters (about 25 in number) also clearly highlighted the issues of monitoring, assessment and technology development.

This conference also provided an opportunity for the students to share their ideas with some of the leading experts in the profession.