

Training Programme on **Applications of Biotechnology and its Regulation**

Biotechnology will play an important role in increasing land productivity in a sustainable way. Green revolution of mid 1960s has saved millions from starvation but in the recent past, the growth has slowed down and world is witnessing food shortage coupled with increasing prices of the food. With the mounting population pressures, and millions who cannot secure two squares of meal, there is an urgent need to supplement ongoing technological interventions with newer inventions. The technologies must be designed not only to meet the specific needs of the developing countries, but also to create an enabling environment for adoption of these technologies by masses.

As an institute actively engaged in research and applications in modern biotechnology, TERI is deeply interested in promoting awareness and capacity building in the areas of traditional and modern biotechnologies and also discuss about issues such as Biosafety, food safety and regulations. Therefore, we propose to conduct a course-work entitled “Biotechnological Applications in Agriculture”.

The objective of the course is to sensitize the researchers, regulators and policy makers to broad issues in research and development in biotechnology, biosafety, bioethics and their impact on the society at large. It will provide the participants an exposure to how such issues are being addressed internationally as well as in African sub-continent. Against the general understanding of the subject of biotechnology and the environmental issues, the course would focus on the comparing regulatory framework existing in developed and developing countries in context to agriculture, pharma sector as well as the food and nutrition. The existing gaps in the current legislation will be discussed. The areas requiring further course of action would be highlighted. Other relevant issues will also be addressed.

For conducting the proposed course work, TERI’s highly qualified professional experts in the fields of biotechnology, law and regulation would provide the in-house expertise. TERI has a unique advantage of a having qualified faculty with a direct working experience on BT regulations and regulatory mechanisms existing in India such as the GEAC, the RCGM and other bodies. Moreover, TERI has alliances with other experts in Biotechnology Regulations in organizations both in public and private domains. TERI’s in-house expertise would be supplemented by a wide gamut of external resources.