microbes, gene banks and assay standardization procedure should be established to develop genetic engineering technology.

Thirdly, intensive interaction between universities and industries to identify the local problems is a primary necessity to harvest the fruits of this modern technology. Agencies are to cooperate with scientific community to help define research needs ranging from fundamental to practical in various areas.

In United States such interactions between the universities and companies are forthcoming. How to achieve this in India is a matter for further discussion between the universities/centers and the interested companies. What is primarily needed is to establish a link between education and work. It is gratifying that the Department of Science and Technology, Government of India has already constituted a Biotechnology Board to promote research in this ever-opening area of research. The Council of Scientific and Industrial Research, Government of India has already decided to open up a new laboratory for genetic engineering and applied microbiological work. The University Grants Commission should come forward with the academic programme and the industries with cooperation to take advantage of this newly developed technology.


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ANNOUNCEMENT

INDIAN INSTITUTE OF CHEMICAL ENGINEERING AWARDS

Dr. B. D. Kulkarni of National Chemical Laboratory, Poona, has been awarded the Amar Dye-Chem Award for excellence in research and development. Dr. R. A. Mashelkar, Deputy Director, National Chemical Laboratory, Poona, has been awarded the Herdilia Award for excellence in basic research in Chemical Engineering.