

Department of Biotechnology (DBT)

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I. Introduction

The setting up of a separate Department of Biotechnology (DBT), under the Ministry of Science and Technology in 1986 gave a new impetus to the development of the field of modern biology and biotechnology in India. In more than a decade of its existence, the department has promoted and accelerated the pace of development of biotechnology in the country. Through several R&D projects, demonstrations and creation of infrastructural facilities a clear visible impact of this field has been seen. The department has made significant achievements in the growth and application of biotechnology in the broad areas of agriculture, health care, animal sciences, environment, and industry.

II. Name of scheme(s)

- Agriculture
- Bioinformatics
- Biotech Product and Process Development
- Basic Research
- Human Resource Development
- Infrastructure Facilities
- International Cooperation
- Medical Biotechnology
- Bioresources
- Plant Biotechnology
- Societal Developments

III. Areas of research support

- Animal Biotechnology
- Aquaculture and Marine biotechnology
- Basic Research in Biotechnology
- Biofuels
- Bioinformatics
- Biological Control of Plants pests, diseases and weeds
- Bioprospecting and Molecular Taxonomy
- Biotech process engineering and industrial biotechnology
- Biotechnology of Medicinal and Aromatics plants
- Biotechnology of Silkworms and host-plants
- Crop Biotechnology
- Environment & Conservation Biotechnology
- Food Biotechnology
- Medical Biotechnology (Vaccines, Diagnostics, Drug Development, Human Genetics & Genome Analysis, Serology Biotechnology, Stem Cell Biotechnology)
- Microbial Biotechnology
- Plant tissue Culture
- Human Resource Development
- Nano Biotechnology
- Women Biotechnology & Programme for Rural Areas and SC/ST population
- Jai Vigyan National S&T Missions
- Patent Facilitation

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