RAIPUR INSTITUTE
OF TECHNOLOGY
(Under the Aegis of Mahanadi Education Society)
(Approved by All India Council of Technical Education)
(Affiliated to Chhattisgarh Swami Vivekanand Technical University, Bilai)

Bio-Technology

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Biotechnology has transformed many parts of the chemical industry, agriculture, and medicine. This area of science has little demarcation between basic and applied research, and new discoveries and innovations, in most cases, can find direct application. Innovations, techniques, and tools that have emerged and revolutionized modern biotechnology include genetic engineering, cell fusion technology, bioprocess technologies, and structure-based molecular designs including drug development, drug targeting, and drug delivery systems.

Our Strengths:

- Large pool of high quality faculty.
- Robust and varied research programs in frontier technology areas.
- State of the Art research facilities.
- Strong industry focus through sponsored research consulting and training.
- Emphasis on technology development, patenting and transfer.
- Flexible admission policies that can also accommodate working professional.
- Good industry placements through individualized faculty contacts.

Major Research areas:-

- Metabolic Engg.
- Food Processing Engg.
- Pharmaceutical Biotechnology
- Plant Biotechnology
- Microbial Technology
- Mychorizal Technology
- Down Stream Processing
- Bio-Processing

Select Research Facilities:-

- PCR
- HPLC
- Double beam UV-Vis Spectrophotometer
- Gas chromatography
- BOD Incubator
- Laminar Air Flow
- Micro centrifuge
- Deep Freezer

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