

Regional Centre for Biotechnology (RCB)

This is a place where cutting-edge science meets real-world problems, from fighting diseases to boosting agriculture. Regional Centre for Biotechnology (RCB) in Faridabad, Haryana! This isn't just any lab; it's an Institution of National Importance, born from a partnership between the Indian government and UNESCO. RCB is where brilliant minds are shaping the future of biotechnology for India and beyond!

Where Innovation Blooms

RCB is a vibrant hub for biotechnology education, training, and research. Think of it as a powerhouse where different scientific disciplines — engineering, medicine, and pure science — come together to find solutions.

- **Diverse Research:** RCB's scientists are tackling huge challenges in areas like Infectious Disease Biology, Cancer and Cell Biology, Agricultural Biotechnology, and even Systems and Synthetic Biology. They're working on making us healthier, our food supply stronger, and our environment cleaner!
- **Future-Ready Programs:** From MS-PhD programs to specialized diplomas and research training, RCB offers diverse pathways for students like you to become the next generation of biotech innovators.

State-of-the-Art Science

This center boasts incredible facilities! Imagine working with...

- High-resolution optical imaging and electron microscopy to see life at its tiniest scales.
- Advanced platforms for genomics and proteomics to study genes and proteins.
- A BSL-3 facility for safely handling serious pathogens.
- The Indian Biological Data Centre (IBDC), a national hub for all kinds of biological data.

Global Connections

RCB isn't just local; it's global! It serves as a regional hub for biotech cooperation among Asian UNESCO member countries and collaborates with international giants like the **European Molecular Biology Organization (EMBO)** and Japan's AIST. This ensures a constant exchange of ideas and the latest scientific advancements.

RCB is truly a beacon for science and innovation, fostering interdisciplinary approaches to solve real-world problems. Could your future be in biotechnology?

