



BIO RIDE: SCIENCE & TECHNOLOGY

NEWS : Cabinet approves 'Bio-RIDE' scheme to support cutting edge research and development in Biotechnology

WHAT'S IN THE NEWS ?

Bio-RIDE Scheme:

- **Unified Scheme:** Merges two DBT umbrella schemes, with a focus on biomanufacturing and biofoundry.
- **Proposed Outlay:** Rs. 9,197 crore for the 15th Finance Commission period (2021-22 to 2025-26).

Components:

- **R&D:** Support for research in healthcare, agriculture, and bioenergy.
- **Industrial & Entrepreneurship Development:** Seed funding, incubation, and mentorship for bio-entrepreneurs.
- **Biomanufacturing & Biofoundry:** Sustainable bio-manufacturing aligned with the 'LiFE' initiative.

Bio-RIDE

Cabinet approves 'Biotechnology Research Innovation and Entrepreneurship Development (Bio- RIDE)'



- Bio-RIDE is a merger of Biotechnology Research and Development & Industrial & Entrepreneurship Development (I&ED) of Department of Biotechnology with a new component i.e. Biomanufacturing and Biofoundry
- Proposed outlay of the unified scheme is Rs.9197 cr from 2021-22 to 2025-26
- Implementation of Bio-RIDE Scheme will
 - Promote Bio-Entrepreneurship
 - Advance Innovation
 - Facilitate Industry-Academia Collaboration
 - Encourage Sustainable Biomanufacturing
 - Support researchers through Extramural funding
 - Nurture Human Resource in Biotechnology sector



Goals:



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- Promote innovation, startups, and bio-based products.
- Strengthen industry-academia collaboration for product commercialization.
- Advance green biomanufacturing to address climate change.
- Build human resources in biotechnology through skilling.
- Achieve a \$300 billion bioeconomy by 2030 through a circular bioeconomy approach.

Source : <https://pib.gov.in/PressReleaseDetail.aspx?PRID=2056001>



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