

What infrastructures have sustained this STS innovation?

Engineering aspect, in terms of the fermentation process, has always been part of microbiology and biochemical researches. Till 1960 there was no specialised research program on fermentation technology/biochemical engineering. Three significant institutes and universities, namely Jadavpur University, Kolkata; Harcourt Butler Technical Institute (HBTI) now HBTU, a deemed university, Kanpur and University Department of Chemical Technology (UDCT) now a deemed university known as Institute of Chemical Technology (ICT), Mumbai started a full-fledged bachelors degree in technology in food and fermentation technology/biochemical engineering between 1963-1965. All three institutes and universities have the colonial legacy of providing engineering education in Chemical Engineering from the pre-independence era. The new discipline of Biochemical Engineering emerged at the peripheries of Chemical Engineering and Microbiology.

A new Specialisation: Development, Intersection and Divergence at the Periphery

The Emergence of Biotechnology in India: Collaboration, Contestation and Non-Western Perspective



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