



**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

**DEPARTMENT OF BIOTECHNOLOGY**

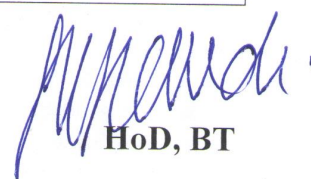
**Action Taken Report on the feedback obtained in AY2019-20**

**(M.Tech. Biotechnology)**

**06/07/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Take steps to give more practical orientation to students to understand the concept clearly.	Integration of theory courses with laboratory will give more understanding of concept. Moreover, in R-20 intera and inter disciplinary projects were introduced which will provide more opportunities in understanding the concept.
	Addition of industrial orientation courses are more beneficial in getting placements.	Courses like Upstream and downstream processing, Natural Product Technology, Advanced Biochemical Reaction Technology and Industrial Biotechnology and Metabolic Engineering are having industrial orientation.
Student	It is essential to add basics principles of reactor design which are helpful for design of various bioreactors	It will be discussed in the ensuing BoS and necessary action will be taken to include the principals of reactor design concepts to Advanced Bioprocess Engineering course.
	Introduce courses which make familiar with students on advanced research areas in the field of Biotechnology.	The professional elective courses contain good many numbers of new courses which comprises of advanced research topics.
Employer	More courses associated with industrial technologies need to be introduced as these courses are grabbing highest percentage of job market in biotechnology industries.	Courses like Upstream and downstream processing, Natural Product Technology, Advanced Biochemical Reaction Technology and Industrial Biotechnology and Metabolic Engineering are having industrial orientation.

Stakeholder	Comments/Suggestions	Action Taken or Suggested
	Introduce more courses highlighting health issues and curb of diseases due to the exponential growth of population	In R-20 curriculum new professional electives such as 'Biomedical and health informatics, cancer biology Therapy and Cheminformatics and pharmacogenomics were introduced to give more exposure on advanced areas so as to have awareness on societal issues.
Faculty	It is necessary to add the course related to Bioprocess development and optimization through statistical tools for manufacturing of various bioproducts economically.	It will be discussed in the ensuing BoS and necessary action will be taken to include professional elective course on Bioprocess Optimization using statistical tools.
	Introduction of open elective subjects in the curriculum for the student industrial ready is advisable.	The courses included in professional electives of R-20 curriculum are having good potential of job market.
Parents	Communication skills are very much required for graduate students	In addition to the courses such as English Proficiency and communication skills and Technical English communication, Technical seminars and subject-wise seminars were introduced to improve communication skills.
	Practical experience is more important for engineers	Integration of theory with laboratory and minor projects were introduced in R-17 curriculum to facilitate more understanding of concepts. Further in R-20 curriculum, Intera disciplinary projects were introduced which will further improve chances of better understanding of concept.

  
HoD, BT