



INVESTIGATING STUDENTS' AWARENESS OF MICROBIOLOGY CAREER OPPORTUNITIES AT BHARATIYA MAHAVIDYALAYA AMRAVATI.

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Abstract:

This study examines the career paths choose by B.sc graduates at Bharatiya Mahavidyalaya, Amravati ,based on primary data collected from 25 students. The finding reveal that a majority of students option for further education in diverse fields post – graduation. A moderate number express interest in pursuing careers in industrial microbiology, while a smaller percentage show inclination towards environmental microbiology and research and development fields. These results shed light on the diverse career aspirations of b.sc graduates and emphasise the importance of tailored career guidance and educational programs to meet their needs and aspirations.

Keywords:

Questionnaire, Investigating, Career Opportunities, Awareness, Microbiology, Students.

I. Introduction :

Career could be seen as a job, or profession for which one undergoes regulated education and training over a period of time and which usually follows the person for the whole of his / her life. Making a career decision is not a one-stroke process. It may be appear quite easy for some people however, others experience some difficulty along the line.

Career choice is one of the most important decision in the life of an individual. It has for reaching implication on the individual's future in terms of lifestyle, status income, security and job satisfaction.

There are so many career opportunities in microbiology. Here , given below, are basic and common career options for microbiology students.

- Students can pursue for further education in industrial microbiology and so many good jobs become available for students.
- Students can teach in colleges after applying in M.sc and apply in private or government colleges.
- Students can also go for Environmental microbiology.
- They can also pursue in clinical microbiology, as a medical microbiology and pharmacologist .

According to given career options students can find many more other good opportunities for a better future.

II . Objectives:

- I. Evaluate students interest in pursuing a career in microbiology
- II. To explore and identify various career options or opportunities in microbiology.
- III. To ascertain the career paths choose by students upon completing their studies.
- IV. To analysis the career trends of microbiology students after UG studies.

III. Research Methodology:

- **Data collection :**

For this research, an online questionnaire method was implemented to analysis students future career plans. Through google forms, students were asked to fill out the form with provided question and options regarding their career interest and choices, together the required quantitative and qualitative data about their career preferences

- **Sample size:**

In this study, we take 25 students of Bharatiya Mahavidyalaya, Amravati.

- **Universe / Population:**

This study is conducted at Bharatiya Mahavidyalaya, Amravati.

IV. Data Analysis and Interpretation:

Here is the data analysis of students further career choices. The following data comprises of a systematic Table and pie charts.

- **Analysis of students career choice**

Sr. No	Career Options	No. of students
1.	Industrial microbiology	8
2.	Environmental microbiology	1
3.	Research and development	6
4.	Other	10
	Total	25

Table : students career opportunities after graduation.

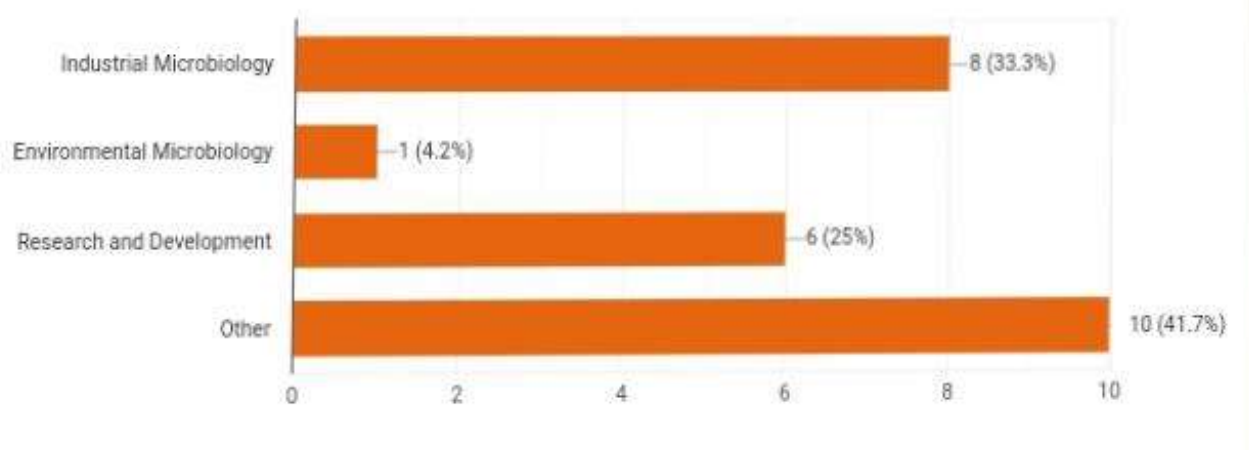


Fig 1. A) Students career path

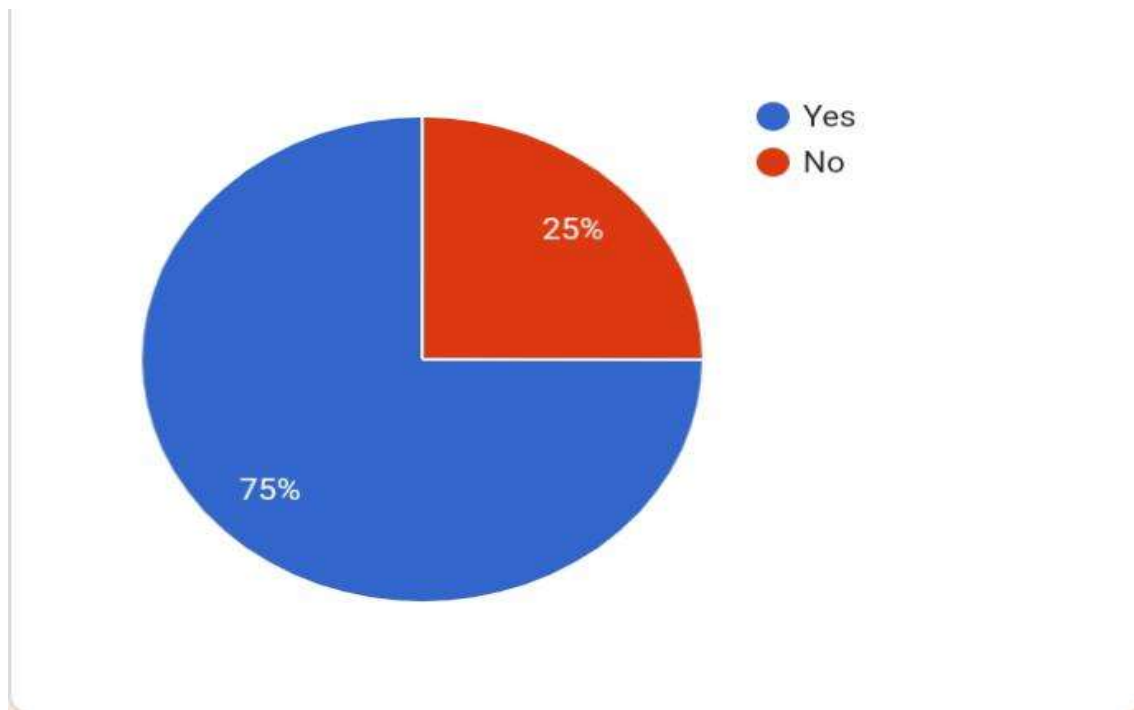


Fig 2. B) students career plan after graduation.

V. Result and conclusion:

- From the obtained data, it is observed that 41.7% of students choose to pursue further studies in others areas.
- 33.3% of students are interested in pursuing careers or further studies in industrial microbiology
- Additionally, 25% of students opted for other fields not directly related to microbiology as indicated in Table 1.
- According to fig no.2 , 75% of students appeared to required guidance.

VI. Recommendation and Suggestions :

- Based on the above data, it appears that many students are still undecided and confused about their career paths, indicating a need for proper guidance.
- Students in colleges and coaching institutes, if available, should definitely consult their teachers or advisors for guidance on exploring more career opportunities. They can provide valuable assistance in helping students to confidently determine their career paths.

VII. Reference :

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