
Report

According to activities of project:

New Professional Diploma in Plant Clinic and Phytosanitary Technologies

"609550-EPP-1-BG-EPPKA2-CBHE-JP"

WP1. Needs Analysis and Transfer of Knowledge-PROJECT INITIAL PHASE

Task.1.1: Stakeholder assessment study in specific needs for Plant Clinics in labour market at partner universities in East, North, Middle and South of Egypt.

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by

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Questionnaire Report about the effect and benefit of establishing a plant clinic diploma (Faculty Staff, Postgraduates and Stakeholders)

Within the framework of the activity of Sohag University in cooperation with three European universities from Bulgaria, Italy, Hungary and five other Egyptian universities in the process of establishing a good professional diploma in the plant clinic for the first time in Egyptian universities and we hope that this diploma will add to the labor market in the agricultural field a specialized graduate and a degree of practical training. The field and research in the field of plant diseases and protection, the questionnaire have been applied with three main categories (e.g. Faculty staff members, Postgraduate students as well as the outsider stakeholders) the sample was purposively selected to be a beneficiary group of such diploma, herewith the results of the questionnaire application:

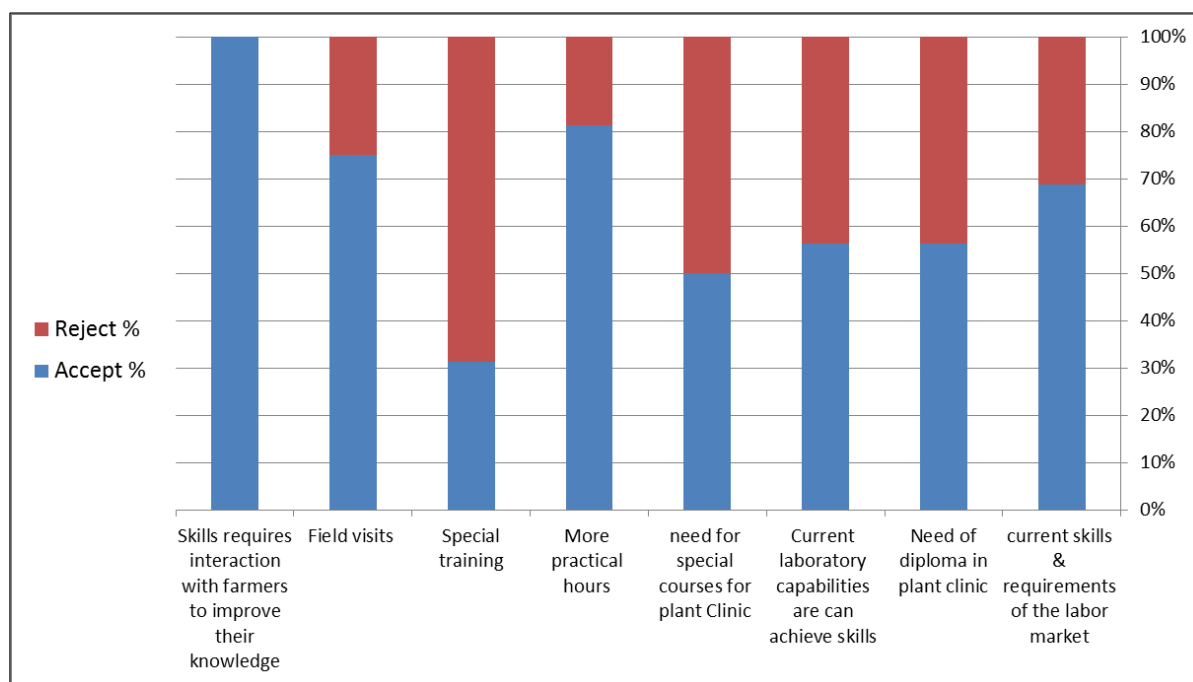
First, Faculty Staff Members:

The questionnaire sample was consisting of a group of **16 faculty staff members** of the Department of plant pathology of the faculty of agriculture SOU and Botany Department, Faculty of Science SOU, the results were as follows

Table No. 1: Faculty members' opinion on establishing a plant clinic diploma

Statement	Accept		Reject	
	Freq.	%	Freq.	%
In your field of specialization, do you think that the graduate's current skills are sufficient to fulfill the requirements of the labor market in the field of plant diseases and protection?	11	%68.75	5	%31.25
Do you think there is a need to establish a new professional diploma in the field of plant clinic?	9	%56.25	7	%43.75
Do you think that the current laboratory capabilities are sufficient to achieve the skills required for the graduate of plant clinic program?	9	%56.25	7	%43.75
Do you see that there is a need for special courses to achieve skills of a distinct nature for the graduate of plant Clinic Program?	8	%50.00	8	%50.00
Do you think that to achieve the skills of a graduate of plant clinic program requires more hours of practical teaching hours to theoretical hours?	13	%81.25	3	%18.75
Do you think that to achieve the skills of a distinguished	5	%31.25	11	%68.75

graduate of plant clinic program requires special training?				
Do you think that to achieve the skills of a graduate of plant clinic program requires field visits to farms and fields to practice what is taught within the university community?	12	%75.00	4	%25.00
Do you think that to achieve the skills of a graduate of plant Clinic Program requires interaction with farmers to improve their knowledge of pests and microorganisms?	16	100.00	0	0.00



Graph No. 1: Faculty members' opinion on establishing a plant clinic diploma

Table no. 1 showing the distribution of the faculty members respondents, who have been interviewed to the purpose of the questionnaire which was basically to measure the need of establishing a plant clinic diploma in the university by which we can anticipate the impact on their graduated students, the opinion of the faculty members on “the graduate's current skills weather they are sufficient to fulfill the requirements of the labor market in the field of plant

diseases and protection” was almost acceptable (68.75%) that could be due to the assurance level they have about what they`re introducing to their students during the BSc. Stage.

About a half of the respondents (56.25%) were accepting that there is a need to establish a new professional diploma in the field of plant clinic, which indicating the need of creating such kind of high education to improve the skills level required to the graduates.

Regarding to the current laboratory capabilities weather they are sufficient to achieve the skills required for the graduate of plant clinic program or not; more than the half of the faculty members (56.25%) agreed that while (43.75%) were rejecting that which could be due to the absence of many essential practical equipment.

Half of them were seeing that there is a need for special courses to achieve skills of a distinct nature for the graduate of plant Clinic Program, while the majority (81.25%) was accepting that to achieve the skills of a graduate of plant clinic program requires more hours of practical teaching hours to theoretical hours.

When they asked whether accept or not that to achieve the skills of a distinguished graduate of plant clinic program requires special training, (68.75%) were disagreeing that, which giving an impression of the sufficiency of the practical classes for that diploma.

About 75% of the members thinking that to achieve the skills of a graduate of plant clinic program requires field visits to farms and fields to practice what is taught within the university community, and all of them (100%) that to achieve the skills of a graduate of plant Clinic Program requires interaction with farmers to improve their knowledge of pests and microorganisms.

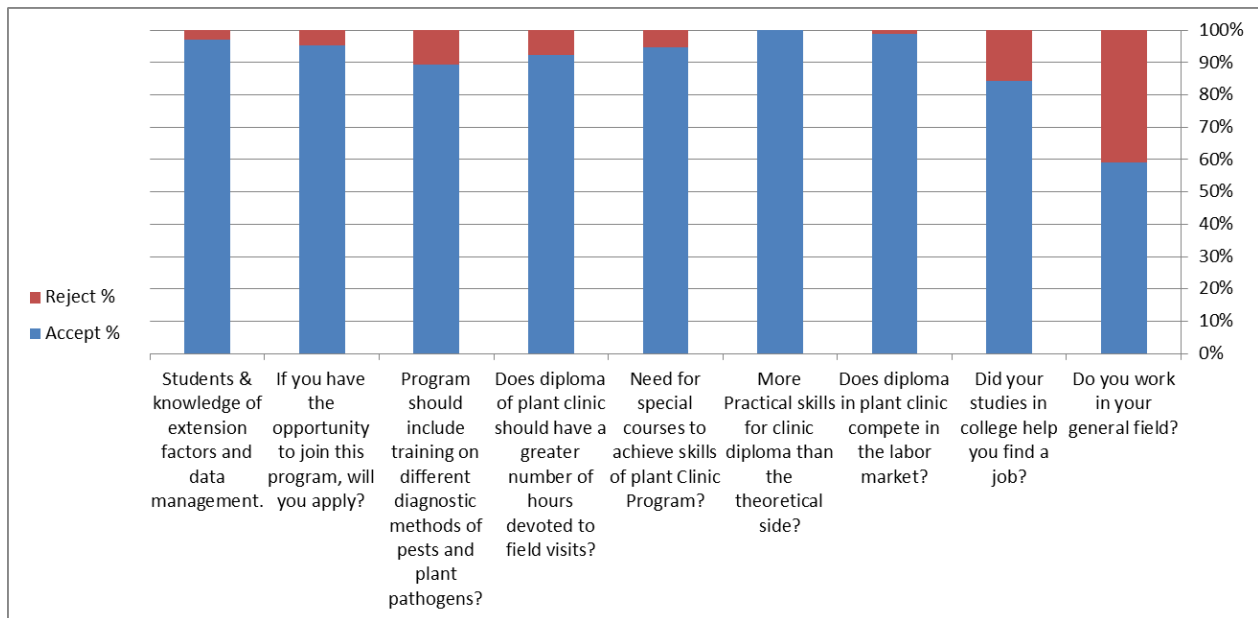
Second, Postgraduate Students:

The questionnaire sample was consisting of a group of **130 Postgraduate Students** of the Department of plant pathology of the faculty of agriculture SOU and Botany Department, Faculty of Science SOU, the results were as follows:



Table No. 2: **Postgraduates students` opinion on establishing a plant clinic diploma**

Statement	Accept		Reject	
	Freq.	%	Freq.	%
Do you work in your general field?	77	%59.23	53	%40.76
Did your studies in college help you find a job?	65	%84.41	12	%15.59
Do you think that the establishment of a professional diploma in the field of plant clinic affects to compete in the labor market	76	%98.70	1	%1.29
Do you think that the skills that a graduate of the botanical clinic diploma should acquire must be more practical than the theoretical side?	77	%100.00	0	%00.00
Do you see that there is a need for special courses to achieve skills of a distinct nature for the graduate of plant Clinic Program?	73	%94.80	4	%5.19
Do you think that the study in the diploma of pant clinic should have a greater number of hours devoted to field visits?	71	%92.20	6	%7.79
Do you think that the program should include training on different diagnostic methods and identification of modern devices in the field of diagnosis of pests and plant pathogens?	116	%89.23	14	%10.76
If you have the opportunity to join this program, will you apply	124	%95.38	6	%4.61
Do you think that students should be trained in knowledge of extension factors and data management, and provide detailed insights into where response of plant disease	126	%96.92	4	%3.07



Graph No. 2: Postgraduates students` opinion on establishing a plant clinic diploma

Table no. 2 Showing the distribution of the Postgraduate Students respondents, who have been interviewed to the purpose of the questionnaire which was basically to measure the need of establishing a plant clinic diploma in the university by which we can anticipate the impact on themselves, the opinion of Postgraduate Students respondents on “work in their general field” was acceptable according to (59.23%) of them.

Majority of the respondents (%84.41) were accepting that they have done studies in college and helped them to find a job, which indicating the need of creating such kind of high education to improve the skills level required to the graduates.

The absolute majority (98.70%) of the respondents were thinking that the establishment of a professional diploma in the field of plant clinic affects to compete in the labor market.

All of the respondents were reporting that the skills that a graduate of the botanical clinic diploma should acquire must be more practical than the theoretical side, and the absolute majority of them (97.80%) pointing that there is a need for special courses to achieve skills of a distinct nature for the graduate of plant Clinic Program.

Regarding the study in the diploma of plant clinic weather it should have a greater number of hours devoted to field visits, about (92.20 %) of the respondents accepting that and (89.23%) of them accepting that the program should include training on different diagnostic methods and identification of modern devices in the field of diagnosis of pests and plant pathogens.

(95.38%) of the post graduates will apply when they get the opportunity for that, and (96.92%) of them seeing that students should be trained in knowledge of extension factors and data management, and provide detailed insights into where response of plant disease.

Third, Outside Beneficiary Institutions/ Organizations

The questionnaire sample was consisting of a group of **6 Outside Beneficiary Institutions/ Organization** at the managerial level which was 15 managers on the top level management of these institutions at Sohag Governorate, the results were as follows:

Table No.3: Outside Institutions` opinion on establishing a plant clinic diploma

Statement	Accept		Reject	
	Freq.	%	Freq.	%
Do the graduate skills and knowledge of the current graduates in the field of plant diseases and protection meet the needs of the labor market?	8	%50.00	8	%50.00
Do you think that establishing a new professional diploma for the plant clinic in the field of plant diseases and protection meets the aspirations of your organization?	13	%81.25	3	%18.75
Do you think that the skills that a graduate of plant clinic diploma should acquire must acquire a more practical nature than the theoretical side?	9	%56.25	7	%43.75
Do you see that there is a need for decisions of an applied nature that give the graduate special skills to achieve the goals of your organization from the diploma of the plant clinic diploma?	7	%43.75	9	%56.25
Do you think that a diploma of a plant clinic diploma needs special training methods to meet the needs of your organization?	11	%68.75	5	%31.25

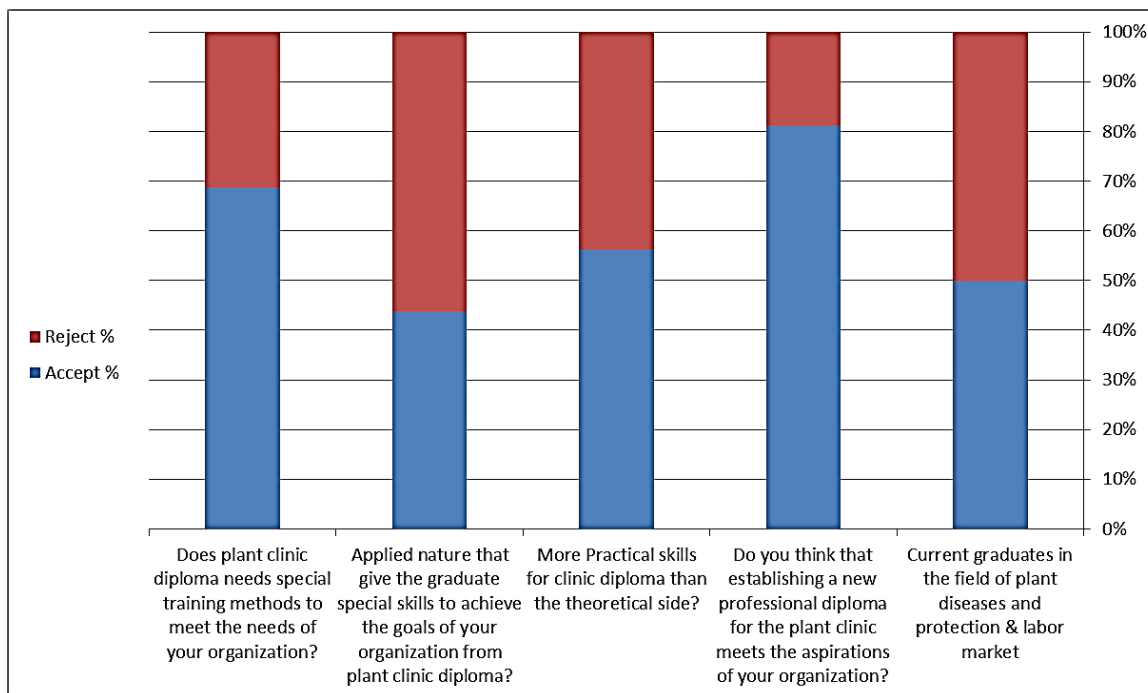


Table no. 3 Showing the distribution of the Outside Institutions` opinion on establishing a plant clinic diploma, who have been interviewed to the purpose of the questionnaire which was basically to measure the need of establishing a plant clinic diploma in the university by which we can anticipate the impact on Sohag`s society, the opinion of Outside Institutions respondents on “Weather the graduate skills and knowledge of the current graduates in the field of plant diseases and protection meet the needs of the labor market or not” was acceptable according to half of the respondents.

Majority of the respondents (81.25%) were accepting that establishing a new professional diploma for the plant clinic in the field of plant diseases and protection meets the aspirations of their organization.

About half of the organizations (56.25%) were thinking that the skills that a graduate of plant clinic diploma should acquire must acquire a more practical nature than the theoretical side, and (43.75%) accepting that there is a need for decisions of an applied nature that give the graduate special skills to achieve the goals of the organization from the diploma of the plant clinic diploma.

About two thirds (68.75%) of the organizations having the view that a diploma of a plant clinic diploma needs special training methods to meet the needs of your organization.



Graph NO. 3: Outside Institutions` opinion on establishing a plant clinic diploma