



Co-funded by the  
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609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP  
New Professional Diploma in Plant Clinic and  
Phytosanitary Technologies



## ERASMUS+ CBHE PROJECT

Project title	New Professional Diploma in Plant Clinic and Phytosanitary Technologies (PRO-DPCP)
Project No	609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP
Work Package	<b>WP3. Training activities in plant clinic units for diploma program</b>
Title of Deliverable	<b>3.7 Training of e-learning and network developers</b>
Date	15/9/2022
Dissemination level	National
Editor	Prof. Waleed I Shaban Prof. Manal Eid



<b>Expected Deliverable/Results/Outcomes</b>	Work Package and Outcome ref.nr	<b>3.7.</b>	
	Title	<b>Training of e-learning and network developers</b>	
	Type	<input type="checkbox"/> Teaching material <input type="checkbox"/> Learning material <input checked="" type="checkbox"/> Training material	<input type="checkbox"/> Event <input checked="" type="checkbox"/> Report <input type="checkbox"/> Service/Product
	Description	<p>Network developers; (Tech-staff) to complete training course (8-12 weeks in Egyptian partner universities) to be able to perform tasks in the design, installation, operation, and troubleshooting of Ethernet and TCP/IP Networks. Their role is to input data as pinpoint-mapped information on main server of plant health database, merged with information on disease/pest description, management, together with risk assessments of future likely threat, epidemiologic studies in time, with weather data to facilitate pest modelling studies.</p> <p>- e-learning technical developer will be trained in E-Learning Centre belongs to each partner Univ. on different aspects of the e-learning system model (Course, Content, Unit, Communication, Interactivity, Hypermedia, Adaptively, Accessibility), which focuses on the most important pedagogical and didactical aspects to be considered in e-learning content design and implementation. Preparing eLearning materials, providing learning support and motivation, developing self-regulated learning, stimulating group work, promoting the transfer of learning to the concrete working situations and evaluating the learning process.</p> <p>- The e-Learning material (e.g. e-content) have elements of presentation, interactivity and communication and collaboration.</p> <p>- Adoption of e-learning by <b>MOODLE</b> Software</p>	
	Due date	8weeks (M16 to M17)	
	Languages	En, Ar	
<b>Target groups</b>	<input checked="" type="checkbox"/> Teaching staff <input type="checkbox"/> Students <input checked="" type="checkbox"/> Trainees <input checked="" type="checkbox"/> Administrative staff <input checked="" type="checkbox"/> Technical staff <input type="checkbox"/> Librarians <input checked="" type="checkbox"/> Other		
	<i>Subcontracted trainer in e-learning and IT</i>		
<b>Dissemination level</b>	<input type="checkbox"/> Department / Faculty <input checked="" type="checkbox"/> Institution	<input checked="" type="checkbox"/> Local <input type="checkbox"/> Regional	<input type="checkbox"/> National <input type="checkbox"/> International



## Introduction:

This work package aims to provide suitable and innovative training resources to foster the establishment of a new program of plant clinic education and collaborations through the staff training scheme that will offer professional development opportunities for academic and professional services staff to improve the skills required for their current job by participating in a joint training program by experts from EU and Egyptian partners.

### Partner: P7 (Suez Canal University)

Date:	15/9/2022
Number of Days:	30 days
Number of participants:	6
Number of Teaching Staff:	5
Number of Trainees:	6
Number of Technical Staff:	1
Number of administrative Staff:	1
Number of Technical staff:	1

### ❖ Description of the activities

Preparing technicians who are able to use technological tools to prepare electronic teaching materials is considered one of the strategic objectives of the training activity in WP3. Training in this activity took place through the holding of a number of workshops and training courses, individually or collectively, by specialists in the development of e-learning.

The ultimate goal was to qualify the teaching staff and technicians to produce educational materials electronically. Some of this training took place in group seminars at the Education Development Center at Suez Canal University and the Information Technology Unit at the Faculty of Agriculture. Some training took place remotely through the Microsoft Team program. In addition to nominating a number of technicians to obtain digital transformation courses by the Supreme Council of Universities. So that they are able to use digital transformation technology to produce courses electronically.

E-learning technical developer was trained in E-Learning Centre at SCU. Preparing eLearning materials, providing learning support and motivation, developing self-regulated learning, stimulating group work, promoting the transfer of learning to the concrete working situations and evaluating the learning process. The e-Learning material (e.g. e-content) have elements of presentation, interactivity learning materials.

Indeed, the trainees contributed to the electronic production of some electronic lectures and some teaching materials.



Photos:



Trainee certificates

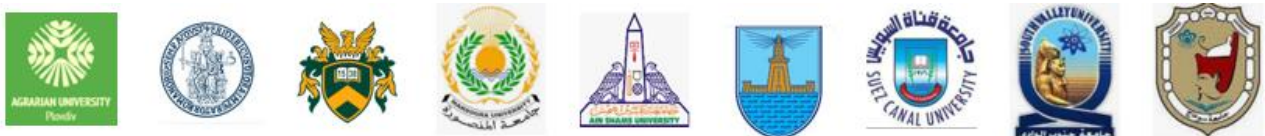


Training/Learning material:

- ppt lectures of different subject



Ecology and Etiology  
of plant pathogens  
Prof. W I Shaban





# Weed Biology and Control

Prof. Maher Kotb



# Herbarium techniques for plant clinic

Waleed I Shaban



# Diagnosis of diseases, pests and plant damage

## Plant Clinic Program

**Professor**  
**Ahmed Ibrahim Mohamed**  
**Plant nutrition, Fertilizers and Fertilization**





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PLANT CLINIC

# Diagnosis of nematod plant disease

Prof. Samia I Masoud

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applied entomology 1..

## Introduction and overview to economic importance of arthropods on agricultural crops

المحاضرة رقم ١

د.د/ محمود فرج محمود  
استاذ الحشرات الاقتصادية ورئيس قسم وقاية النبات  
كلية الزراعة - جامعة قناة السويس

General Characteristics of Phylum Arthropoda:

التحريات التطبيقية والكاروسات د محمود دحمود احماد

Development , metamorphosis, reproduction and main insect orders

Biology, life cycle and feeding habits of main groups of insect pests attacking main cereal crops

Biology, life cycle and feeding habits of main groups of insect pests attacking legume crops

Biology, life cycle and feeding habits of main groups of insect pests attacking some ornamental plants

Biology, life cycle and feeding habits of main groups of insect pests attacking some ornamental plants

applied entomology 4

applied entomology 5

applied entomology 6

applied entomology 10

applied entomology 10

Course spec Applied Entomology and Acarology

35°C مشمس عالي

8:09 PM 6/16/2023



Attendance (List of participants)



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Training of e-learning and network of PRO-DPPC team  
at Suez Canal University

15/9/2022

No	Name	Position	E. mail	Tel	Signature
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5	Ibrahim Saied	Assesstent		0114409898	Ibrahim Saied
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7	Abdallah Hassan	IT administrative		0127241667	Abdallah

