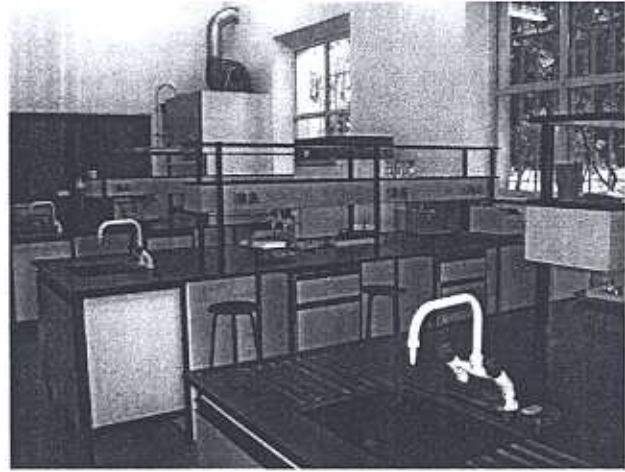




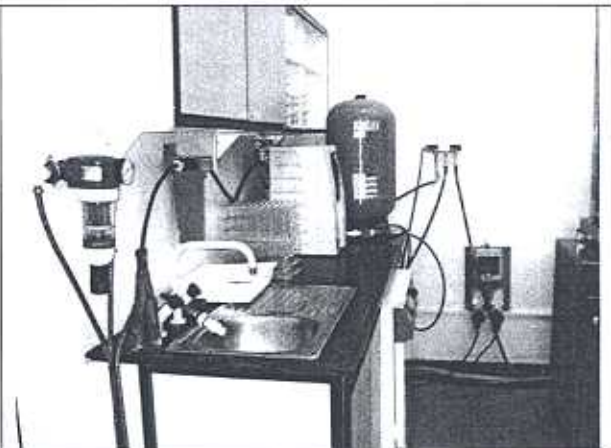
Entrance of tissue culture laboratory. Participants are asked to remove dust from their shoes before getting into the tissue culture laboratory.



Part of media preparation room equipped with balance, pH-meter, heat magnetic stirrer, etc.



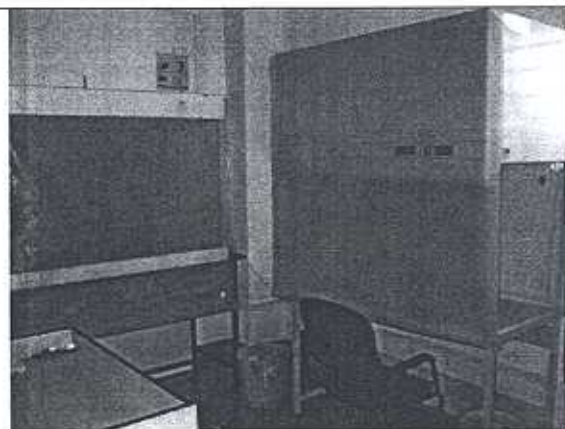
Chemical hood, autoclave and water tank supply in the media preparation room.



Water purification system equipped with double filter and reverse osmosis apparatus. Dish washing machine is under the sink.



Sterile room - this area is strictly reserved for sterile manipulations.



Sterile laminar air flow hoods covered with plastic film in view to protect from dust when not in use.



Lecture on tissue culture techniques was done by Dr. Lê at the College of Agriculture.



Introduction to the laboratory techniques.



Demonstration of the manipulation of laboratory instruments by Daniel Thomas.



Developing skills in laboratory techniques.



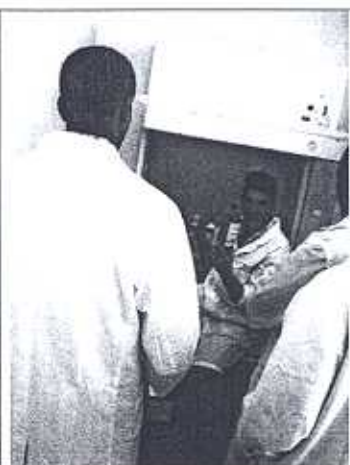
Practice of laboratory techniques assisted by Sandra McSheffry.



Participants preparing culture medium.



To prevent contamination, participants are asked to remove dust from their shoes and to use shoe covers before entering in the sterile room .



Instruction on the use of chemical compounds for the sterilisation of plant material.



Preparation of potato explants for *in vitro* establishment.



Participants working at the sterile laminar air flow hood after being introduced by Dr. Lê to the practice of aseptic techniques.



Observation on the sanitary status of potato microplants.



Preparation of substrate for acclimatising *in vitro* potato microplants.



Transfer of *in vitro* potato microplants to the substrate



Acclimatisation of *in vitro* potato microplants under mist-system using plastic bags.



Participants of the first round of training in tissue culture techniques – College of Agriculture (University of Asmara), October 17 – 21, 2005, Asmara.