

REPORT ON AN EDUCATIONAL VISIT TO CPRI SHIMLA

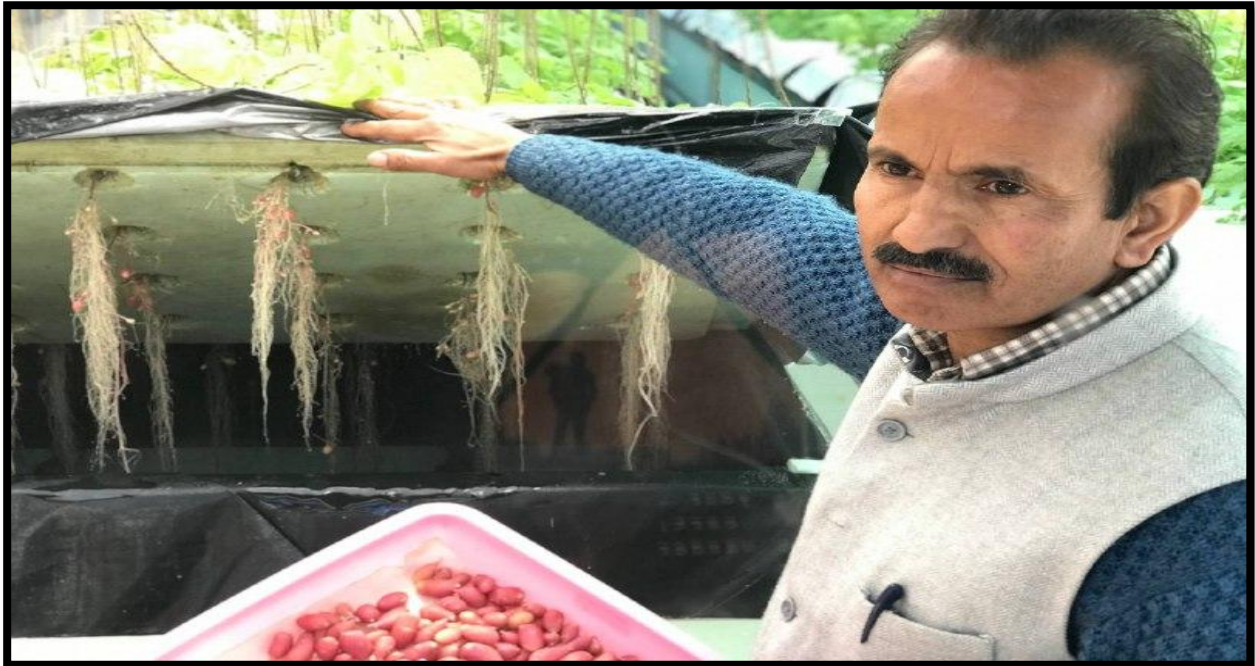
An Educational Visit to CPRI (CENTRAL POTATO RESEARCH INSTITUTE)-Shimla was organized by Department of Botany (COE, GC, Sanjauli Shimla) for 80 students of B.Sc. III (Life Science) on 16th December, 2022. Around 75 students submitted their consent to visit the institute. It was conducted to develop better understanding of the subject and to provide field exposure to students. Educational visits allow the students to develop a greater understanding of how science can be put into real practice. The visit was conceptualized by Dr. C.B. Mehta (Principal C.O.E. Govt College Sanjauli) and executed under the guidance of Dr. Maneesha Kohli (Head – Department of Botany) and Ma'am Titiksha. 48 students joined the group on 16th December, 2022 to visit CPRI.



After the registration with CPRI Department the students were guided to the Conference Hall where the Technical Officer Mr. D.P. Gautum welcomed all. He briefed the students about the origin of potato and its cultivation. He also informed about CPRI and its other institutes in different states, different sections of CPRI, namely, production, plant protection; plant breeding. He also elaborated upon how breeding programmes were developed to produce disease free and hybrid varieties. The students also visited the Museum where Technical Officer Mr. D.P. Gautum gave all the information related to potato, its cultivation, sowing method, tissue culture and micro propagation techniques. Different equipments used in potato cultivation were also shown.



Then the students were taken to the Aeroponics unit where they were shown how potato was grown without soil. The student also visited Plant Pathology Section and Nucleus SEED Multiplication Unit which enhanced their knowledge related to potato plant diseases, their control and prevention along with the various hybrid potato varieties released by CPRI and cultivated in various parts of India. Dr Sunita Sharma of the Nucleus SEED Multiplication Unit explained the whole process of tissue culture and the importance of growth hormone in it.



DrSunita Sharma Explaining about Tissue Culture Technique





Refreshment was arranged for 75 students and was distributed among the students after the completion of visit in the institute.
