

Student centric methods, such as experiential learning, participative learning and problem-solving methodologies that are used for enhancing learning experience

2.3.1 Student centric methods, such as experimental learning, participative learning and problem-solving methodologies are used for enhancing learning experience and teachers use ICT-enabled tools including online resources for effective teaching learning process

The Concept

Through the Indian Council of Agricultural Research, a brand-new educational approach built on the Experiential Learning Programme (ELP) has been implemented throughout the agricultural education system. The program's end-to-end design was conceptualised with the goal of developing abilities in project planning and execution, decision-making, team and individual coordination, approach to problem solving, accounting, quality control, marketing, and dispute resolution, among other things. It is an essential prerequisite for the award of B.Sc. Horticulture degree which has been reorienting graduates of Horticulture subject for ensuring and assuring employability and entrepreneur mindset. The programme essentially states that learning and development are accomplished through personally determined experience and involvement, rather than through formal instruction or training, typically in a group, by observation, study of theory or hypothesis, introduce innovation, or some other transfer of skills or knowledge. Experiential learning is a business curriculum-related endeavour which is interactive. The exercises in the programme have been carefully calibrated to encourage participants to explore and realise their own potential.

The objectives of experimental learning programme

- To encourage professional knowledge and skills through relevant practical experience.
- To increase self-assurance and operate in project mode.
- To develop enterprise management skills
- Therefore, the main goal of this course is to encourage an entrepreneurial mindset and the development of skilled labour.

Benefits of the programme

Through experiential learning, students can enhance their competence, capability, capacity, acquire skills, expertise, and confidence to launch their own businesses and become job creators rather than job seekers. This is step forward for earning while learning concept. Experiential learning is a philosophy and practise that encourages instructors to intentionally include students in hands-on learning and in-depth reflection in order to advance knowledge,

foster skills and entrepreneurship, and impart values. Experiential learning is therefore a significant advancement for graduates seeking high-quality professional competence, real-world work experience, entrepreneurial orientation, and the ability to produce job providers rather than job seekers. ELP holds great promise and potential for managerial, technical and entrepreneurial skill development in the field of Horticulture.



Plate 1: Extraction of aonla juice by students for making aonla juice



Plate 2: A view during familiarizing the different tools used in food processing laboratory to the students



Plate 3: Preparing of raised bed nursery for seasonal vegetable seed sowing by the students



Plate 4: Transplanting of tomato seedlings by the students



Plate 5: A view during earthing-up in potato by the students



Plate 6: A view during preparation of beds for transplanting of seedlings under polyhouse



Plate 7: A view during demonstration of vegetable production by using mulching to the intermediate students visited at Horticultural Research Centre, Chauras Campus