

INNOVATION ECOSYSTEM

The Institution is keen on taking various initiatives in creating technologies and transferring knowledge.

Mushroom cultivation is being done by the students of Bioscience on the campus. It includes cultivation of mushrooms, spawn production and value addition of the cultivated mushrooms. In addition, special training is being given to the self-help groups, entrepreneurs and farmers.

Biocomposting is being done and maintained by the Department of Bioscience. Saplings are supplemented by the compost made on the campus. Students were benefitted by knowing the methodology of composting and its uses.

The main focus on earn while learn is proved by the Incubation centre in which the training on production and preservation of food products like fruit juices, yoghurt, jelly, jam, pickles, dried mushrooms and masala powders are being given to the students, self help group members and farmers. It is really encouraging the students to get experimental knowledge on food technology and to ignite the young mind to think on Bioentrepreneurship. The college has signed MOU with Indian Institute of Food Processing Technology, Ministry of Food Processing industries, Govt. of India, Thanjavur. Mobile processing Vehicle has been explored for these trainings.

Bioentrepreneurship are being enlightened to the student community and to the rural society through vermicomposting and VAM. The unit of Single Cell Protein development is giving the special training on cultivation and processing of *Spirulina* to the students, women self help group members and farmers. The Plant Tissue Culture laboratory in the Bioscience Department cultivating banana plantlets and supplying for the farmers.

The students are encouraged to learn the cultivation of flowering plants and medicinal plants through Nursery of the college. Coconut shell crafting centre is giving special attention on developing crafts using coconut shell.

- The innovation ecosystem includes a Nursery which has flowering saplings, medicinal plants and fruit saplings. These saplings are nurtured by the students of Bioscience Department. This instills the value of preserving and sustaining the ecosystem in the minds of the youngsters.
- The students are given training in the servicing of mobile phone, mixie, grinder and iron box. this purpose a servicing centre has been established on the campus.
- The 'Centre for wealth from waste' is giving training in making useful things from waste materials like glass, cloth, coconut shell, egg shell and wooden pieces.
- 'Soap making Centre' manufactures bathing and washing soaps with the help of trained students.
- Computers are serviced through Centre for Computer servicing
- Special training is given on Fabrication of Printed Circuit Boards.