

# Hydroponic System

Nutrient Film Technique (NFT) is a popular and versatile hydroponics system. In this system, the nutrient solution flows in a thin film over the roots, ensuring that they are watered and fed but not completely soaked. The thin film ensures that the upper part of the roots will remain dry and have access to oxygen in the air. Using this technique, a Hydroponic system has been built by the department of Biology. We have used the materials available in the local market and this double floor system has a capacity of about 140 leafy greens in 100 litre solution capacity at a time. The system is run using a timer control. We are experimenting to use liquid fertilizer prepared from vermicompost as a nutrient solution in this system.









