Punjab Agricultural University is committed to welfare of farmers of Punjab by developing and fine-tuning technologies which shall improve their livelihood. Vegetable cultivation can play important role in sustaining the agricultural economy of Punjab by virtue of their increased productivity, generating employment and enhancing exports. Being sensitive crops, their productivity is hampered by various biotic and abiotic stresses. To alleviate these constraints, protected cultivation of vegetables which involves modification of microclimate needs to be practiced. It offers distinct advantages of quality, productivity and favorable market price to the growers. Protected conditions involves cultivation under protected structures viz. greenhouse, shade net house, walk-in tunnels and plastic low tunnels etc. Many high value horticultural crops such as capricum, cherry tomato, cucumber (vegetable crops); gerbera, lilium, carnation (flower crops) and fruit nursery plants etc. are widely cultivated under protected conditions. Farmers can earn handsome economic returns by cultivating off-season (both early and late) crops by practicing this technology. Punjab Agricultural University recommends cultivation of many horticultural crops under protected cultivation and has developed package of practices for the same. Krishi Vigyan Kendras of university at district level and Skill Development Centre at Ludhiana campus are imparting trainings to interested farmers to acquaint them of latest technical know-how in protected cultivation. Department of Horticulture, Punjab is providing subsidy to the tune of 50 per cent for installing protected structures. Farmers, especially small and marginal can avail this subsidy to boost their income and improve their livelihood security.