



Department of Botany
[DST (FIST) & UGC (SAP) - assisted Department]
University of Kashmir

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Notice

The Department of Botany, University of Kashmir, is conducting One-week training programmes w.e.f. 27-02-2026 to 05-03-2026 on following themes:

1. "Nursery and post-harvest management of commercially important ornamental plants"
2. "Cultivation & commercialization of edible and medicinal mushrooms in Kashmir"

The week long training programmes will comprise of lectures by subject experts, hands-on training in the field and labs, field visits, group discussions, etc. The broad objectives and activities of the said programmes are given in the annexure - I & II. In this connection, applications are invited from unemployed youth interested in entrepreneurship/start-ups in the aforementioned sectors.



Follow the link for registration

https://docs.google.com/forms/d/e/1FAIpQLSdH_PAhOo8E4tQ_sZvt1rt4PE5JuPL7xabrDH-DnmlHTmV1OQ/viewform?usp=header

Applicants are directed to fill up the registration form, choosing either of the two training programs in section 2 of the form and submit it by 16.2.26.

Maximum number of participants = 25. Furthermore, it is to be noted that no TA/DA will be paid to the participants.

For further information, contact Prof. Mohd. Yaqub Bhat (9797892818) and Dr. Mohmad Arief Zargar (9697365607)

Head
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Annexure-I

One Week Training Program on “Nursery and Post-harvest Management of Commercially Important Ornamental Plants”

Objectives

- ❑ To impart training on cultivation and propagation of important ornamental plants (pot, indoor, bedding and bulbous plants and cut flowers)
- ❑ To impart training on harvesting and post-harvest handling of cut flowers.
- ❑ To demonstrate value addition in flower crops: preparation of flower bouquets and extraction of essential oils, etc.
- ❑ To explore the market linkages for promoting Start-up and Entrepreneurship opportunities in floriculture sector.

Target group

- ❖ Unemployed 12th class pass outs, graduates and post-graduates
- ❖ Farmers, growers,
- ❖ Florists, nurserymen
- ❖ Young entrepreneurs, and other stakeholders.



Proposed Activities/Topics

S. No.	Activities/Topics
1.	Start-up and entrepreneurship opportunities in floriculture
2.	Floriculture: introduction, importance, benefits of ornamental plant cultivation, floriculture business and Government schemes, prospects and challenges of floriculture.
3.	Modes of propagation, vegetative propagation (cutting, grafting, budding, layering), sexual propagation (seed based), methods of seed germination
4.	Soil/land preparation, seed nursery management, good agricultural practices for crop growth; water, nutrient, temperature, weed & pest management
5.	Harvesting and post-harvest handling of flowers
6.	Processing and value addition of flowers (flower bouquets, oil extraction) and market linkages
7.	Field demonstration of ornamental plants, Field visits to floriculture nurseries

Annexure-II

One Week Training Program on “Cultivation and Commercialization of Edible and Medicinal Mushrooms in Kashmir”

Objectives

- ❑ To sensitize the youth towards the opportunities in cultivation of edible and medicinal mushrooms and to develop skill and inculcate startup culture in local population
- ❑ To impart training cum capacity building to un-employed youth, women and farmers for commercial cultivation of various edible and medicinal mushrooms.
- ❑ To acquaint them about mushroom diversity in Kashmir, utilization of locally available farm by-products/wastes for commercial cultivation of Button, Dhingri and some medicinal mushrooms.
- ❑ To develop initial skills for cottage level mushroom production, leading to the establishment of commercial mushroom farms.
- ❑ To aware them about various funding opportunities and government subsidies for startups in mushroom cultivation.
- ❑ To explore the market linkages for promoting Start-up and Entrepreneurship opportunities for edible and medicinal mushroom cultivation.

Target group

- ❖ Unemployed 12th pass and above, graduates, post-graduate students.
- ❖ Rural women, farmers, young entrepreneurs, cultivators, small scale land holders, other end users and stakeholders.



Proposed Activities/Topics

- Mushroom cultivation: Introduction, importance, scope and benefits of mushroom cultivation, Socio-economic aspects and employability of Mushroom Cultivation
- Major Phases of Mushroom Cultivation - Selection of an acceptable Mushroom Species/Strains, Secreting a Good Quality of Fruiting Culture, Development of Robust Spawn, Preparation of Selective Substrate/Compost, Care of Mycelial (Spawn) Running
- Management of Fruiting/Mushroom Development, Harvesting mushrooms, fertilizer application, diseases protection, good agricultural practices for crop growth.
- Mushroom Diseases, Post-Harvest Handling and packing, Value addition, Product formulations marketing
- Cultivation techniques for various mushroom type - *Agaricus bisporus* (Button mushroom); *Pleurotus sajor-caju* (oyster mushroom, Indian oyster); *Cordyceps*; *Ganoderma lucidum* (Reishi)
- Visits to Established Mushroom centers