

# Maharana Pratap Horticultural University, Karnal





# PROGRAMS

## (Year of Estb: Nov 2016)

### 1. Names of the programs in UG/PG/PhD

**B.Sc (Hons) Horticulture (2020-21):120 seats / yr**  
**M.Sc. (Horticulture) and Ph.D (Horticulture) 10**  
**and 6 seats respectively.**  
**in three departments (2017-18)**

- **Fruit Science**
- **Vegetable Science**
- **Floriculture and Landscaping**



### 2. Other programmes: Nil

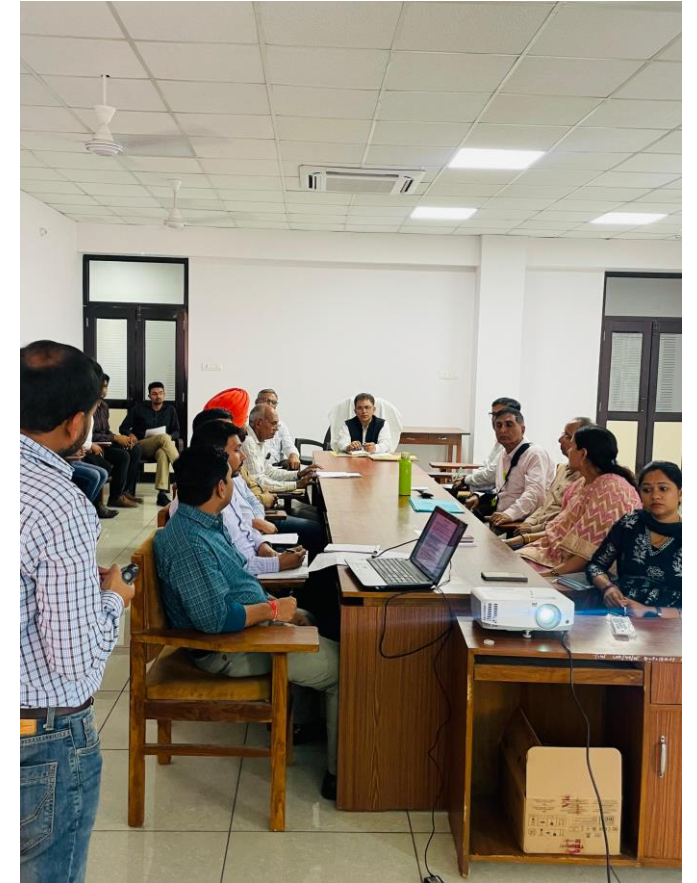
- Diploma**
- Certificate**
- Vocational courses**
- Outreach programs**





# **1. Status of recruitment of the no. of regular posts (All positions category wise i.e Professor, Associate professor, Assistant professor, Assistant professor and so on):**

- i. Sanctioned :** 5 Prof, 10 Assoc Prof, 20 Assistant Professors (Total 35)
- ii. Filled :** 1 Prof, 2 Assoc Prof, 19 Asstt Professor in position
- iii. Allowed to be filled up :** 5 Prof, 10 Assoc Prof, 20 Assistant Prof
- iv. Resultant vacant:** 4 Prof, 8 Assoc, 1 Assistant Prof in process of selection
- v. Also, indicate number of positions filled up through HKRN/ on contact:** 153 (non-teaching)



**2. Adoption of 02 villages under Unnat Bharat Abhiyan by each university. Share visible transformations after adoption of villages.**

- The university has adopted two villages Padhana and Anjanthali in Karnal district. Adoption activities started from 2022-23, impact assessment yet to be done.

**3. Any plans for adequate utilization of resources (infrastructure and land) available in University.**

**Land is being used for:**

- i. Establishment of genetic resources in the field gene bank for fruit crops for crop improvement work
- ii. Mother blocks for quality planting material production.
- iii. Front line demonstrations of proven technologies
- iv. Laying out of research trials on need based aspects

#### **4. Has the University established Incubation Centers and what are the activities in these Incubation centers?**

- The research efforts have started yielding results for mushroom production system, new strains and post harvest technology. The University is in the process of establishment of Incubation Centre to show case the technologies developed.

#### **5. Campus placements and student progression status during last session.**

- First batch has just passed out and Placement cell has been developed and efforts are being made for campus interviews by industry.

#### **6. Status regarding establishment of Interdisciplinary Research Center in Universities with the aim of integrating skill development in education and their focus on the five vital components of life Jal, Vayu, Prithvi, Jungle, Urja and Conversion of waste to usable products (Waste to wealth).**

- The university has started the research on natural farming.
- Established a Center for Biosolutions in Horticulture for safe horticulture
- Established a Center for Smart Horticulture for resource optimization
- Research in progress for standardization of Solar based cold storage for fruits and vegetables (reducing the post harvest losses)

**B) Update on action taken on various guidelines/notifications/ regulations for the implementation of NEP-2020 notified by UGC/AICTE/NCTE/MoE/Council as shared with the Vice Chancellors in PPT. (To be informed by HSHEC)**

**As per requirements of NEP-2020,MHU is registered on:**

- All India Survey on Higher Education (AISHE) portal of MHRD.
- Undertaking Transformative Strategies and Actions in Higher Education (UTSAH) portal of UGC- to track and support the implementation.
- All the MHU students registered on Academic Bank of Credits (ABC) portal of National Academic Depository of MHRD for integration of skills and experiences credits earned by students.

## **C) Status of important NEP parameters :-**

### **1. Formation of core committee for implementation of NEP 2020 in affiliated colleges and Universities.**

- To start with, core committee has been constituted involving Dean CoH, Dean PGS, DSW, DEE, Director of Research and Registrar. There is no affiliated College so far.

### **2. Drafting of Institutional Development Plan as per UGC's IDP guidelines**

- This university does not have affiliated colleges, moreover ICAR guidelines in this concept are applicable to all agricultural and horticultural universities. As and when guidelines are firmed, will be adopted.

**a. Time frame for :** Campus – NA, Affiliated colleges- NIL

**b. IDP Coordinator for University:** Dean College of Horticulture

### **3. Status of accreditation of university and affiliated colleges and status of workshop being conducted or proposed to be conducted for affiliated colleges.**

- The first batch of UG has just passed out on 20 July 2024. The accreditation matter with ICAR is in process.

**4. Launching of restructured UG and PG curriculum framework as per UGC's guidelines (like curriculum and credit framework for Undergraduate Programmes; NCrF; NHEQF; NSQF etc.) by affiliated Colleges and Universities with time line.**

- a. Share the course list and list of subjects under each programme, if curriculum has been restructured as per NEP 2020.**
- No, the UG curriculum has not been restructured as per NEP 2020
  - MHU follows the course curriculum of ICAR for UG and PG.
  - ICAR is in the process of finalizing the course syllabus as per NEP-2020, which will be implemented from the next academic session 2025-26.



#### **4 b. Introduction of Ability Enhancement courses (AEC); Skill Enhancement Courses (SEC); Common Value added courses (VAC) with list.**

The ICAR syllabus already include AEC, SEC and VAC courses in UG programme and has been adopted by MHU as such.

##### **Ability Enhancement courses (AEC):**

<b>ENG-001</b>	<b>Communication Skills and Personality Development</b>	<b>1+1=2</b>
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##### **Skill Enhancement Courses (SEC):**

<b>VSC-312</b>	<b>Precision Farming and Protected Cultivation</b>	<b>2+1=3</b>
<b>BMH-321</b>	<b>Horti-Business Management</b>	<b>2+0=2</b>
<b>BMH-322</b>	<b>Entrepreneurship Development and Business Management</b>	<b>1+1=2</b>

##### **Common Value added courses (VAC):**

<b>FSC-112</b>	<b>Plant Propagation and Nursery Management</b>	<b>1+1=2</b>
<b>PHT-321</b>	<b>Processing of Horticultural Crops</b>	<b>1+2=3</b>

**4c Integration of Indian Knowledge System (IKS) into UG and PG courses at College/ Universities level with time line.**

-Yes. It will be taken care while developing the facilities.

**4d How Vocational education is being offered by universities? Is it on their own or in partnership with Industry and NGOs?**

ELH-411 Commercial Horticulture (Fruits)	0+10
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ELH-412 Protective Cultivation of High Value Horticultural Crops	0+10
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ELH-413 Processing of Fruits and Vegetables for Value Addition	0+10
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ELH-414 Floriculture and Landscape Architecture	0+10
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ELH-415 Mushroom Cultivation	0+10
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ELH-416 Bee Keeping	0+10
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**4e. How Internship/apprenticeship is being embedded in degree programs and when it will be functional in Colleges/universities with time line.**

During 8<sup>th</sup> semester Students undergo Students READY Program: RURAL HORTICULTURAL WORKS EXPERIENCE, Where the students are attached to the centers of State Horticulture Departments, industries and at village level.

**4f. Status of student ABC registration (done and pending) and mark-sheets uploading (done and pending).**

- ABC registration as well as mark-sheet uploading has been done for all the students of the University.

**4g. Status of multiple entry and exit options available to students.**

- Will be introduced after finalization by ICAR.

**5. Course introduced in emerging areas-SFS, Online, Distance education, Regular mode and future plan thereof.**

- No course has been introduced so far.

**6. Action plan for faculty Training Programs along with status of faculty participation in UGC's Malviya Mission –Teacher Training Programme (MM-TTP).**

- Faculty of the University has undergone induction training conducted by CCSHAU, Hisar.
- The faculty has also participated in UGC's Malviya Mission –Teacher Training Programme.

**7. Uploading of NEP activities by Universities and affiliated colleges on national level tracking portal designed by UGC i.e. UTSAH**

- The NEP activities are being uploaded in UGC-UTSAH portal.

**8. Moving to large multidisciplinary Universities and HEI clusters is the highest recommendation of NEP. Any initiatives taken with regard to clustering of HEIs as per recommendations given by UGC.**

- There are 6 Horticultural universities in the country. Clustering efforts will be explored. The initiatives will be taken after the filling up of the vacancy and construction of main campus.

**9. NCTE has launched Integrated Teacher Education Programme (ITEP) in IITs, NITs, central/ state Govt. universities and Government Colleges from the academic session 2023-24 throughout the country. ITEP is a 4 year dual- major holistic Undergraduate degree offering B.A./B.Ed./B.Sc. B.Ed./B.Com. B.Ed. Which State Universities have applied for ITEP? Whether got it or not?**

- Not yet applied

**10. Adopting online learning platform and online courses such as SWAYAM, SWAYAM+, MOOC courses etc. as per UGC guidelines.**

-Horticultural courses are not available on SWAYAM, SWAYAM+, MOOC courses on UGC portal.





**THANKS**