

# Criterion - 1

## Curricular Aspects

### NAAC-SSR (2<sup>nd</sup> Cycle)



**ETERNAL UNIVERSITY**

BARU SAHIB, SIRMOUR-173101

HIMACHAL PRADESH

# 1.1.1(6)

**Activities Reflecting Curricula have  
Relevance to the Local, Regional,  
National, Global Developmental Needs**



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## Samples of the Activities

### (a) Activities Reflecting Curricula have Relevance to the Local & Regional Developmental Needs

1.

#### Course Title (Course Code)

Applied Microbiology Including Infection Control & Safety (MICR 201)

#### SMART DISINFECTION AND SANITATION TUNNEL



BREAK THE CHAIN,  
SANITIZE AGAIN AND AGAIN

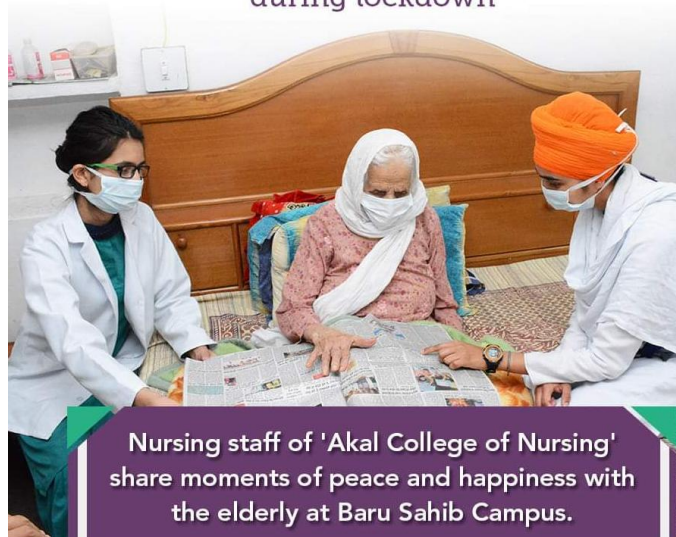
2.

#### Course Title

Medical Surgical Nursing (Adult Including Geriatrics) II

#### SPEND QUALITY TIME

with the elderly  
during lockdown



Nursing staff of 'Akal College of Nursing'  
share moments of peace and happiness with  
the elderly at Baru Sahib Campus.



3.

**Course Title (Course Code)**  
Industrial Microbiology (MICRO-22)



Experimental studies on industrially important microorganisms

4.

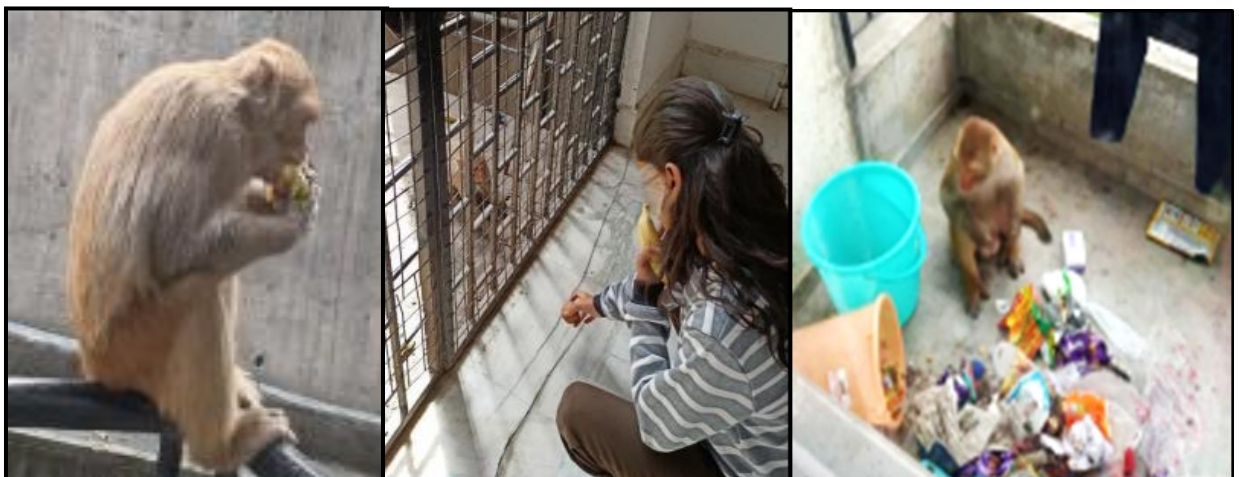
**Course Title (Course Code)**  
Food and Dairy Microbiology (MICRO-224)



Visit to Akal Bakery unit for observing the yeast fermentation process

5.

**Course Title (Course Code)**  
Animal Behaviour (ZOO-544)





6.

**Course Title (Course Code)**  
Wildlife and its Management (ZOO-542)



7.

**Course Title (Course Code)**  
Medicinal Botany and Ethnobotany (BOT EC 541)



8.

**Course Title (Course Code)**  
Agronomy of Cereals and Pulses (AGRON 506)



Cultivation and Field Practices of Wheat Crop

9.

**Course Title (Course Code)**  
Practical Crop Production-II (AGRON 304)



Weed Management in Field

10.

**Course Title (Course Code)**  
Crop Production Technology-II ( Rabi crops) (Agron-202)



Box Sowing method of sugarcane in field



**(b) Activities Reflecting Curricula have Relevance to the National Developmental Needs**

1.

**Course Title (Course Code)**  
Agriculture Marketing Trade and Prices (ECON-202)



Visit to Farm & Polyhouses of Shri Nagender Chauhan of Kotla Mangon

2.

**Course Title (Course Code)**  
Nursing Foundation I including First Aid module (N-NF (I) 125)



Emergency First Aid Training During Disaster



3.

**Course Title (Course Code)**

Community Health Nursing I including Environmental Science & Epidemiology (N-COMH(I) 310)



Dengue Fever – Aedes Mosquito Source Reduction by Monitoring the Water Sources and Discarding the Stagnated Water in the Containers

4.

**Course Title (Course Code)**

Industrial Microbiology (MICRO-22)



Visit to mushroom production unit of Dr. Khem Singh Gill Akal College of Agriculture



5.

**Course Title (Course Code)**  
Food and Dairy Microbiology (MICRO-224)



Exploratory visits to get first-hand experience of food production and their processing

6.

**Course Title (Course Code)**  
Applied Zoology (ZOO-315)





7.

**Course Title (Course Code)**  
Dissertation (ZOO-701)



8.

**Course Title (Course Code)**  
Biodiversity and Conservation (BOT EC 543)





9.

**Course Title (Course Code)**  
Rainfed Agriculture and Water Management (AGRON 303)



Demonstration of Indian Institute of Soil and Water Conservation, Dehradun

10.

**Course Title (Course Code)**  
Principles and Practices of Soil Fertility and Nutrient Management (AGRON 502)



Analysis of Available Nitrogen in the Research Field Soil

11.

**Course Title (Course Code)**  
Modern concept in Crop Production (AGRON-501)



Students Preparing Integrated farming system Model in Laboratory

12.

**Course Title (Course Code)**  
Principle and practices of water management (AGRON-504)



Students preparing different Irrigation methods model in laboratory for their wide range of application



**(c) Sample Activities Reflecting Curricula have Relevance to the Global Developmental Needs**

1.

**Course Title (Course Code)**

Child Health Nursing I including Essential Newborn Care (ENBC), FBNC, IMNCI and PLS, modules (N-CHN(I) 301)



Nursing Students are Trained to give House Hold Education to the Mothers about Breast Feeding, New Born Care, Family Planning and Underfive Children Care

2.

**Course Title (Course Code)**

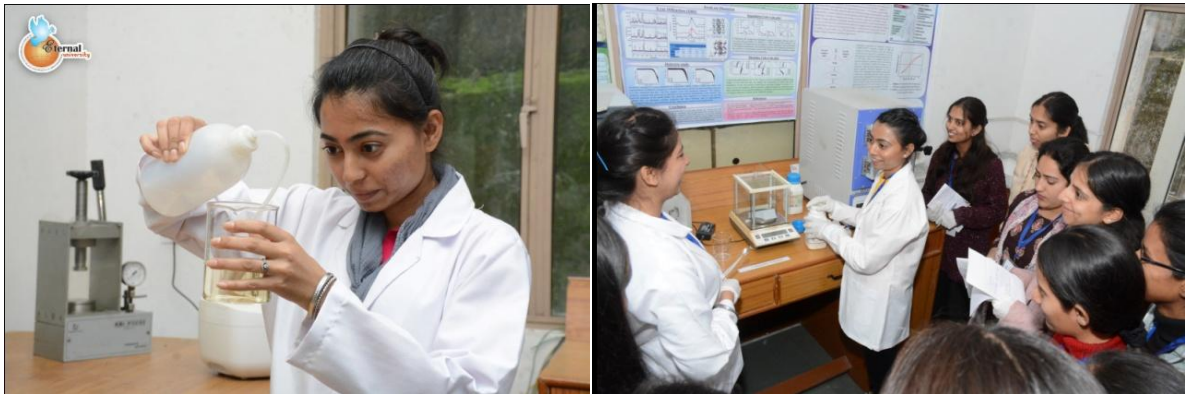
Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing + Palliative care module (N-AHN (II) 225)



Nursing Students & Faculty are dedicatedly worked and Trained during the COVID 19 at AKAL Charitable Hospital Which was declared as District Covid Care Centre

3.

**Course Title (Course Code)**  
Material Science (PHY-533)



Experiments on synthesis techniques of nanoparticles for their worldwide applications

4.

**Course Title (Course Code)**  
Thesis (PHY-701)/Dissertation (PHY-600)/Thesis(PHY-600)



Synthesis of  $\text{TiO}_2$  nanoparticles using sol-gel Technique for their wide range of applications globally

5.

**Course Title (Course Code)**  
Industrial Relation and Labour Legislation (MBAH-515)



Industrial visit to Jam factory, Rajgarh India



6.

**Course Title (Course Code)**  
Dissertation (CHEM-600)



Drying and checking melting point of synthesised compounds

7.

**Course Title (Course Code)**  
Dissertation (CHEM-701)



Measuring conductivity of surfactant solutions in water

8.

**Course Title (Course Code)**  
Medical and Diagnostic Microbiology (MICRO-526)



Research studies are performed on the areas which are relevant to global public health



9.

**Course Title (Course Code)**  
Environmental Microbiology (MICRO-223)



Students are participating in microbial habitat surveys and sample collection

10.

**Course Title (Course Code)**  
Insect and Environment (ZOO-525)





11.

**Course Title (Course Code)**  
Project Work (ZOO-500)



12.

**Course Title (Course Code)**  
Tropical and Dry Land fruit Production (FSC-501)  
**Course Title (Course Code)**  
Production technology of Fruit and Plantation Crops (Hort-203)



Spraying micronutrients for quality fruit production in pomegranate

13.

**Course Title (Course Code)**  
Subtropical and Temperate Fruit Production (FSC-502)  
**Course Title (Course Code)**  
Production technology of Fruit and Plantation Crops (Hort-203)



Foliar spray of PGRs and micronutrients in strawberry to improve their quality



14.

**Course Title (Course Code)**  
Canopy Management in Fruit Crops (FSC-504)  
**Course Title (Course Code)**  
Fundamentals of Horticulture (Hort-101)  
**Course Title (Course Code)**  
Production technology of Fruit and Plantation Crops (Hort-203)



Pruning of guava plant to get better growth and yield

15.

**Course Title (Course Code)**  
Propagation and Nursery Management for Fruit Crops (FSC-505)  
**Course Title (Course Code)**  
Production technology of Fruit and Plantation Crops (Hort-203)



Establishment of apple clonal rootstocks for multiplication



16.

**Course Title (Course Code)**  
Breeding of Fruit Crops (FSC-506)  
**Course Title (Course Code)**  
Fundamentals of Horticulture (Hort-101)



Understanding the growth habit and floral biology of apple and mango

17.

**Course Title (Course Code)**  
Growth and development of vegetable crops (VSC 504)  
**Course Title (Course Code)**  
Fundamentals of Horticulture (Hort-101)



Spraying plant growth regulators to get quality fruit in capsicum



18.

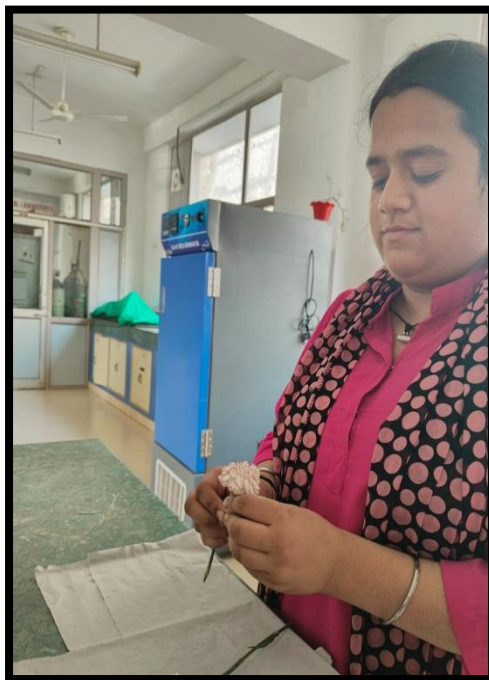
**Course Title (Course Code)**  
Production Technology of Cut Flower (FLA-502)



Harvesting of carnation

19.

**Course Title (Course Code)**  
Production Technology of Loose Flower (FLA-503)



Stem removal after harvesting of loose flowers



20.

**Course Title (Course Code)**  
Landscaping and Ornamental Gardening (FLA-504)



Miniature gardening

21.

**Course Title (Course Code)**  
Protected Floriculture (FLA-505)  
**Course Title (Course Code)**  
Fundamentals of Horticulture (Hort-101)



Staking of flowers under polyhouse conditions

22.

**Course Title (Course Code)**  
Value Addition in Flowers (FLA-506)



Floral decoration and dry flower making

23.

**Course Title (Course Code)**  
Fundamentals of Horticulture (Hort-101)



Layout of field and planting of strawberry plants



24.

**Course Title (Course Code)**  
Advances in Vegetable Production (VSC-601)



Evaluating the effect of organic fertilizers on different different varieties of cucumber

25.

**Course Title (Course Code)**  
Production Technology of Warm Season Vegetable Crops (VSC-502)



Sorting and grading of vegetable crops

26.

**Course Title (Course Code)**  
Protected Cultivation of Vegetable Crops (VSC-603)



Production of vegetable crops under polyhouse to get off season crop