

## Approved minimum Faculty and infrastructure requirements for BSc Agriculture Program in Punjab ANNEXURE 1

(These requirements are for an intake of 60 students)

S. No.	Department/Section	As Per ICAR norms				Minimum as per ICAR norms	Proposed by Sub-committee			Minimum as per PCAE	
		Professor	Assoc Prof	Asstt Prof	Total		Professor + Assoc Professor	Asstt Prof	Total	RF	GF
1.	Agronomy + (Agroforest + Agric Met)	1	1	4+1	7	5	1+1=2	3	5	5 (3+1+1)	-
2.	Agric. Economics + (Maths* & Stat*, Computer Science*, Business Management*)	0	1	2+3	6	5	0+1=1	4	5	1	4
3.	Agric Extension & Comm. + (Sociology* and Psychology, English*)	--	1	1+2	4	3	0+1=1	2	3	1	2
4.	Entomology + (Zoology*)	--	1	2+0	3	2	0+1=1	1	2	1	1
5.	Genetics & Plant Breeding, Biotechnology	1	1	2+1	5	3	1+1=2	1	3	3	-
6.	Horticulture + (Food Science & Technology)	1	1	2+1	5	4	1+1=2	2	4	4 (3+1)	-
7.	Soil Science & Agric. Chem. +	--	1	2+3	6	4	1+1=2	2	4	3	1

	(Env. Science*)										
8.	Plant Pathology + (Microbiology*, Botany*)	--	1	2+0	<b>3</b>	<b>2</b>	0+1=1	1+1	<b>3</b>	1	2
9.	Biochemistry* and Crop Physiology	--	--	1+1	<b>2</b>	<b>1</b>	--	1	<b>1</b>	-	1
10.	Animal Sci. including Fisheries, Dairy & Poultry*	--	--	1+1	<b>2</b>	<b>1</b>	--	1	<b>1</b>	-	1
11.	Agricultural Engineering		--	1+1	<b>2</b>	<b>1</b>	--	1	<b>1</b>	1	-
	<b>TOTAL</b>	<b>3</b>	<b>8</b>	<b>34</b>	<b>45</b>	<b>31</b>	4+8=12	20	<b>32</b>	<b>20</b>	<b>12</b>

**Note:**

- The total faculty member requirement is 32, 35, 44 and 53 for one, two, three and four units, respectively.
- Not more than four units will be allowed in a particular institute
- In the subject groups with 1+1 positions of Professors+ Associate Professors, there should be at least one position of Associate Professor filled.
- To avail the above said relaxation, the institute must advertise the positions twice and state the reasons for failure to employ Professor/ Associate Professor positions in its request to the council.
- The institutes are free to hire guest faculty or faculty from other non-agricultural departments of the college for these courses. The guest faculty may include the reemployed retired faculty with teaching experience. However the guest faculty will be allowed only when the work load is upto 50 percent. In case the work load increases more than 50 percent with increase in the number of units, regular faculty will have to be employed.

**Administrative, field and laboratory staff\***
**ANNEXURE 2**

S. No.	Department/Section	As Per ICAR norms					Proposed by Sub-committee				
		Assist ant	Lab Asstt.	Field Asstt.	Atten dant	Total	Assist ant	Lab Asstt.	Field Asstt.	Atten dant	Total
1.	Agronomy + (Agroforest + Agric Met)	1	2	3	--	6	1	1	3	--	5
2.	Agric. Economics + (Maths & Stat, Computer Science, Business Management)	1	3	--	--	4	1	1	--	--	2
3.	Agric Extension & Comm. + (Sociology and Psychology, English)	1	1	--	--	2	--	1	--	--	1
4.	Entomology + (Zoology)	1	1	1	--	3	--	1	1	--	2
5.	Genetics & Plant Breeding, Biotechnology	1	2	2	--	5	1	1	2	--	4
6.	Horticulture + (Food Science & Technology)	1	2	2	--	5	1	2	2	--	5
7.	Soil Science & Agric. Chem. + (Env. Science)	1	3	1	--	5	1	1	1	--	3
8.	Plant Pathology + (Microbiology, Botany)	1	2	1	--	4	--	1	1	--	2
9.	Biochemistry and Crop Physiology	1	1	--	--	2	1	1	--	--	2
10.	Animal Sci. including Fisheries, Dairy & Poultry	1	1	1	--	3		1	--	--	1
11.	Agricultural Engineering	1	1	2	--	4		--	1	--	1
	<b>TOTAL</b>	11	19	13		43	6	11	11	--	28

*\* Institutes are allowed 25% and 10% flexibility in recruiting administrative and field/laboratory staff, respectively*

## ANNEXURE 3

Manpower in Dean's Office	As per ICAR	Proposed
Dean	1	1
<b>1. Establishment</b>		
PA/PS to Dean	1	1
Assistant Administrative Officer	1	As per requirements
Assistant Academic Officer/Suptd.	1	As per requirements
Assistant Accounts Officer	1	As per requirements
Assistants	3	3
Farm Manager (Assistant Professor)*	1	1
Driver	1	As per requirements
Computer/Data entry Operator	1	As per requirements
Store Keeper	1	As per requirements
Tractor Drivers	--	2
<b>2. Library Staff</b>		
Assistant Librarian	1	As per requirements
Library Assistant/Clerk**	1	1
Shelf Assistant	1	1
<b>4. Student Welfare</b>		
Physical Education Officer	1	1
Attendant	1	1
<b>5. Hostel Staff</b>		
Warden***	1+1	1+1
Caretaker/Assistant	1+1	1+1
<b>6. Estate Branch</b>		
Junior Engineer	1	As per requirements
Security Assistant	1	1
<b>Land details</b>		
Main building/hostels/residential quarters	7 ha	7 ha
Play ground and other amenities	3 ha	3 ha
Farm area, including stores	50 acre	40 acre (for one unit)

\* In case of 100% faculty is in place, one of the faculty members could be given the additional charge as Farm Manager

\*\*Should have Diploma/Degree in Library Science

\*\*\* In case of 100% faculty is in place, the faculty members could be given the additional charge as Hostel Warden

\*\*\*\* The requirement of farm area will increase with increase in number of units/students above 60 @ 1 kanal per student

\*\*\*\*\* The land should be owned by the institute and should be located within a radius of 5 km from the institute

## ANNEXURE 4

### Infrastructure facilities including number of rooms

#### *A. Central Facilities*

S. No. Details	Number of rooms As per ICAR	Proposed by Subcomm
1. Dean's Chamber	1	As per requirements
2. PA Room	1	As per requirements
3. Committee room with videoconf facility	1	As per requirements
4. AAO including staff	1	As per requirements
5. Asstt Accounts Officer/Suptd	1	As per requirements
6. Asstt Academic Officer including staff	1	As per requirements
7. Office room	--	2
8. Examination cell	1	1
9. Evaluation room-cum-Placement cell	1	1
10. Common room for girls	1	1
11. Faculty room	1	As per requirements
12. Smart lecture halls	5	4
13. Examination hall cum auditorium	1	1
14. Library/Book bank	1	1
15. Common utility room	1	1
16. Central laboratory	1	0
17. Hostels including mess (boys)	1	1
18. Hostels including mess (girls)	1	1
19. Canteen	1	1
20. Wash rooms	10	6 (3+3)*
21. Parking space		As per requirements
22. Farm stores	1	As per requirements
23. Vehicles		
i. Car	1	As per requirements
ii. Jeep/staff car	1	As per requirements
iii. Bus	1	As per requirements
iv. Pickup van	1	As per requirements
v. Motor bikes	2	As per requirements
vi. Minibus (30 seater)	1	As per requirements
vii. Tractors	2	2
24. Drinking water and irrigation facilities		As per requirements
25. Vehicle shed	1	As per requirements

\* *One set of wash rooms (boys and girls) on each floor in case of multi-storied building*

## ***B. Divisions/Sections requirements***

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<b>S. No. Details</b>	<b>Number of rooms As per ICAR</b>	<b>Proposed by subcomm</b>
1. Office of Head	12	As per requirements
2. Faculty rooms	12	As per requirements
3. Clerical/technical staff	12	As per requirements
4. Laboratories	12	9
5. Field/Lab stores	5	3
6. Green house/polyhouse/nursery facilities	½ acre	½ acre

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## **11. Requirements of Lab/field equipment for each Division/ Department /Section)**

Laboratories as per ICAR norms	12	
Laboratories as proposed by Sub-committee	9	
i. Agronomy	1	
ii. Computer Science	1	
iii. Entomology	1	
iv. Plant Breeding & Genetics	1	
v. Horticulture + FST	1	
vi. Plant Pathology, Microbiol, Botany	1	
vii. Dairying	1	
viii. Biochemistry	1	
ix. Soil Science	1	
Meteorological Observatory as proposed by Sub-committee		01

### **Laboratory equipment**

The laboratory equipment as proposed by ICAR will remain applicable.

### **Course Curriculum**

The course curriculum as recommended by Fifth Deans' Committee and approved by Punjab Agricultural University will be applicable.