

## UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

### Guidelines for affiliation of colleges (UASB Act No. 10 of 2010 : Chapter VII, pg. 30-34)

The Indian Council of Agricultural Research has recommended minimum requirement for establishment of new colleges in agricultural and allied disciplines under V Dean's Committee Report which has been implemented in Higher Agricultural Educational Institutions since year 2016. While assessing the implementation of Minimum Requirement during accreditation, it was realized that the land and faculty requirement needed revisit. Hon'ble Minister for Agriculture and Farmer Welfare, Government of the India & President of ICAR Society, considering proposal from ICAR, in consultation with stakeholders, approved the Minimum Requirement in agriculture and allied sciences disciplines regarding student intake, faculty requirement and land including instructional units in December, 2022 for adoption and implementation in Higher Agricultural Educational Institutions in India to ensure quality in education.

#### Minimum Requirement for Establishing the Agricultural College & granting affiliation

Sl. No.	Name of Programme	Minimum intake (per year)	Land requirement (acre)	Faculty	Essential Instructional units
1.	B.Sc. (Hons.) Agriculture	60	40	<b>A. Core faculty: 23</b> Agronomy (0+1+3), Agricultural Economics (0+1+1), Agricultural Extension Education (0+1+1), Entomology (0+1+1), Genetics & Plant Breeding (0+1+2), Horticulture (0+1+2), Soil Science (0+1+1), Plant Pathology (0+1+1) Animal Science (0+0+1), Agricultural Engineering (0+0+1), Biochemistry & Physiology (0+0+1)	<ul style="list-style-type: none"> <li>• Farm house/threshing floor/processing centre-1 ha</li> <li>• Crop cafeteria- ½ ha</li> <li>• Field classroom (2)- 0.1 ha</li> <li>• Experiential Learning Programme units- vermicomposting, Nursery Poly house / Green house /any other for skill development or Entrepreneurial mode – 0.5 ha</li> <li>• Agronomy (Local Crops), Genetics and</li> </ul>

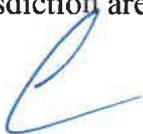
Sl. No.	Name of Programme	Minimum intake (per year)	Land requirement (acre)	Faculty	Essential Instructional units
				<b>B. Allied Faculty:</b> Faculty for Mathematics, computer science, Sociology, Psychology, English, Food Science and Technology, Microbiology, Agro-meteorology and other supporting subjects, if any, shall be adjusted from other colleges, Guest faculty, adjunct faculty and part time faculty.	Plant Breeding, Soil Science, Physiology, Other department – 1 ha • Horticulture (orchard) - 1 ha • Organic/Natural farming - 0.5 ha • Plant Protection practical - 0.5 ha • UG practical demonstration - 2 ha • Laboratories and instructional facilities as per V Deans' Committee report. • ELP units to be established under skill development or Entrepreneurial mode- 0.5 ha (Annexure – I)

**General guidelines :**

- The college / institute should be managed by a duly constituted and registered Society or Trust.
- The Trust / Society desirous of starting a new agricultural college and get affiliated to UASB shall apply in the prescribed form of the University to the Registrar, UASB.
- After processing the application, on receipt of the Inspection fee, the Standing Committee will inspect the location.
- To start with, affiliation will be given only for one UG degree programme for which State Government has granted its approval.
- Affiliation for the courses conducted by Private Trust / Society will be given on temporary basis at the initial stage and based on the fulfilment of all the

conditions and subject to the satisfactory performances. Any deviation or non-fulfilment of the requirements will lead to de-affiliation by UAS, Bangalore.

- The entire process of UG admission will be undertaken as per existing UASB guidelines and through common admission process of KCET.
- The college should follow 60:40 ratio of admission procedure i.e., 60% of the seats is to be filled by the Common counseling of KCET/University and 40% of the seats is to be filled under the management quota seats by the affiliated colleges.
- The fees structure will be revised from time to time as per UASB norms.
- The course syllabus for B.Sc. (Hons.) Agri. should be common for both affiliated and constituent colleges besides, the time table and examination question papers for all external exams should be common across all the affiliated and constituent colleges of UASB.
- The entire process of setting question papers, monitoring and evaluation of answer booklets of external examinations should be done through Controller of Examinations of UAS, Bangalore.
- The degree certificates for the students graduating from affiliated colleges should also be issued by UASB.
- Salary for faculty of affiliated colleges is fixed by the concerned affiliated colleges and UAS, Bangalore has no control over it.
- Appointment of Deans of affiliated colleges should be done based on the recommendations of UASB.
- Permanent affiliation should be granted for a course on payment of Rs. 30.00 Lakhs (one time) which will be valid for five years. It has to be renewed once in five years on payment of Rs. 5 Lakhs fee to UASB.
- Preference will be given to institutions in rural areas.
- Experience of running Educational institutions is desirable.
- Institutions situated in UASB jurisdiction are eligible for affiliation.



### Fees for Affiliation of College

Sl. No.	Particulars	Amount (in Rs.)
1.	Application Fee	1,00,000/- with 18% GST
2.	Registration Fee	50,000/- with 18% GST
3.	Standing Committee Inspection fee	1,00,000/-
4.	Affiliation Fee	30,00,000/- (one time) 18 % of GST is applicable as per GoK / GoI circular.
5.	Additional Affiliation fee	10,000/- for every additional seat
6.	Cash Endowment Deposit (refundable without interest)	20,00,000/-
7.	Fee for Re-inspection/visit of Local Inspection Committee	Rs.25,000/- (Rupees: Twenty Five thousand only)
8.	Change of College Name	Rs.1,00,000/-

**Note:** Application fee, registration fee and affiliation fee to be paid in the form of Demand Draft drawn in favour of the Comptroller, UAS, Bangalore payable at Bangalore

#### **Mandatory conditions:**

- College / Institute shall be managed by a duly constituted and registered Society or Trust.
- Trust / Society shall satisfy the University that adequate financial provision is available for running the college for at least three years without any aid from any external source.
- An undertaking to the University that it has adequate recurring income from own resources for institutes continued and efficient functioning.
- The requirement shall be enhanced proportionate to intake of students. At least 50% land should be devoted to Instructional farm. The aerial distance between academic block and the entry point of the instructional farm should not exceed 7 km.
- If a college is offering multiple Under Graduate programmes, the instructional farm facility should be additional. The students and staff amenities including hostels, sports complex, residences etc. should be treated as a common facility for the all colleges and accordingly land requirement shall be adjusted.
- If a college is running only UG programme, the Departments and its faculty must be ensured. All departments should have at least two faculty members.

- In any case batches of theory and practical should be made as per Dean's Committee recommendation. Semester-wise Academic Calendar, Course Schedule and Time Table should be prepared for all Batches in theory and practical.
- Common facilities may be considered for all colleges in the University.

**Role of UASB:**

**a. Monitoring of admissions:**

- 60% - Counseling Quota (CET conducted by KEA)
- 40% - Management quota (Students should appear for CET of KEA)

**b. Conduct of Examinations:**

- Mid Semester, Practical, Final theory, Re-registered/ Supplementary Examinations
- Preparation of Semester Grade Reports.
- Result declarations, OGPA Card, Provisional Degree Certificate and Degree Certificate
- Sports – ICT

**c. Administration / Monitoring**

- Inspection of Local Inspection Committee every year
- Compliance Report
- Principal's Monthly Report
- Principal's Half Yearly Performance Report
- Surprise visits
- Execution / Renewal of MoU once in four years

**d. Applicable Academic Regulations and Curricula**

- The existing Academic Regulations and Curricula of UAS, Bangalore shall be applicable which are revised from time to time.

**e. Step by Step Procedure**

- Applicant shall be a Registered Trust / Society
- Trust / Society shall apply to UASB, for grant of affiliation to the Institution, in the prescribed format with the applicable fees (Including GST @ 18%)

- UASB sends Local Inspection Committee (LIC) to the Institutions with payment of Inspection fees.
- LIC, if satisfied recommends for grant of affiliation, the subject will be placed before AC and BoM of UASB.
- The Government, if satisfied will grant NOC.
- Temporary Affiliation will be granted by UASB
- Trust will be paying as Affiliation fee / Cash Endowment with Joint deposit
- Initial sanctioned strength of students is 60 (Common counseling 60%, Management 40%)
- Execution of MoU between the Registrar and Trust, once in four years.
- Institution starts offering the course & all the academic activities
- UASB will continuously monitor all the academic activities

**f. Motivation / Accreditation**

- Facilitating Affiliated colleges for applying and getting ICAR Accreditation
- Letter of Intent (LoI) for College and Program
- Institutional Eligibility for Accreditation (IEA)
- Statement of Compliance
- Self-Study Report (SSR)
- Peer Review Team (PRT) Visit

## Annexure-I

### Minimum Standards for Establishing a College of Agriculture

1. **Degree Nomenclature:** B.Sc. (Hons.) Agriculture
2. **Eligibility Criteria :**  
10+2 or intermediate with PCMB, PCB, PCM or Agriculture ( P - Physics, C - Chemistry, M - Mathematics, B – Biology) from a recognised Board/university.
3. **Medium of Instruction :** English
4. **Minimum Intake :** 60 students per year
5. **Divisions/Departments/Sections**
  1. Agronomy
  2. Agricultural Economics
  3. Agricultural Extension & Communication
  4. Entomology
  5. Genetics and Plant Breeding
  6. Horticulture
  7. Food Science and Technology
  8. Soil Science and Agricultural Chemistry
  9. Plant Pathology
  10. Animal Sciences
  11. Fisheries
  12. Biochemistry
  13. Crop Physiology
  14. Agricultural Engineering
  15. Agro-forestry
  16. Seed Science and Technology
  17. Agro-meteorology
  18. Environmental Sciences
  19. Microbiology
  20. Basic Sciences and Humanities
    - a) Basic Economics
    - b) Sociology and Psychology
    - c) English
    - d) Mathematics
    - e) Computer Sciences
    - f) Statistics

**Note:** To reduce the number, the subjects which have only one or two courses may be merged with major Division/Department. Colleges/Universities have liberty to do this at their level. However, for practical purposes following model has been proposed giving minimum teaching staff required for each Division/Department taking into account the merger of related subjects.

**6. Divisions/Departments/Sections proposed along with Cadre-wise teaching staff required.**

S. No.	Divisions/Departments/Sections including mergers shown in bracket	Minimum Requirement Professor	Teaching Staff required			
			Professor	Assoc Prof	Asstt. Prof.	Total
<b>A. Divisions/Departments</b>						
1.	Agronomy + (Agro-forestry)	5	1	1	4+1	7
2.	Agricultural Economics + (Basic Economics, Maths & Computer Science and Statistics)	5	0	1	2+3	6
3.	Agriculture Extension & Communication + (Sociology and Psychology, English)	3	0	1	1+2	4
4.	Entomology	2	0	1	2+0	3
5.	Genetics & Plant Breeding + (Seed Science & Technology)	3	1	1	2+1	5
6.	Horticulture + (Food Science & Technology)	4	1	1	2+1	5
7.	Soil Science and Agricultural Chemistry + (Microbiology, Agro-meteorology, Environmental Sciences)	4	0	1	2+3	6
8.	Plant Pathology	2	0	1	2+0	3
	<b>Total</b>	<b>28</b>	<b>3</b>	<b>8</b>	<b>17+11</b>	<b>39</b>
<b>B. Sections</b>						
9.	Animal Sciences including Fisheries, Dairy Sciences & poultry units	1	0	0	1+1	2
10.	Agriculture Engineering + (Farm Management)	1	0	0	1+1	2
11.	Biochemistry and Crop Physiology	1	0	0	1+1	2
	<b>Total</b>	<b>31</b>	<b>3</b>	<b>8</b>	<b>20+14</b>	<b>45</b>

**Note:** Total strength after four years should have 45 teachers as faculty. However, in extreme cases, it can be 31 and few courses viz. Basic Sciences, and Humanities, Maths, and Computer Sciences, etc. can be completed by hiring the teachers.

### 7. Administrative Staff requirement for Divisions/Departments/Sections

S. No.	Divisions/Departments/Sections	Assistant *	Lab Asstt.	Field Asstt.	Attendant/Messenger	Total
1.	Agronomy + (Agro-forestry)	1	2	3	**	6
2.	Agricultural Economics + (Basic Economics, Maths & Computer Science and Statistics)	1	3	-	-	4
3.	Agriculture Extension & Communication + (Sociology and Psychology, English)	1	1	-	-	2
4.	Entomology	1	1	1	-	3
5.	Genetics & Plant Breeding + (Seed Science & Technology)	1	2	2		5
6.	Horticulture + (Food Science & Technology)	1	2	2		5
7.	Soil Science and Agricultural Chemistry + (Microbiology, Agro-meteorology, Environmental Sciences)	1	3	1		5
8.	Plant Pathology	1	2	1		4
9.	Animal Sciences including Fisheries, Dairy Science&Poultry units)	1	1	1		3
10.	Agriculture Engineering + (Farm Management)	1	1	2		4
11.	Biochemistry and Crop Physiology	1	1	-		2
	<b>Total</b>	<b>11</b>	<b>19</b>	<b>13</b>		<b>43</b>

\*Assistant should have computer literacy, accounts and store handling training

\*\*Attendant/Messenger/Janitor/Security/watch and ward to be outsourced.

### 8. Manpower Requirement of Dean's Office

Sl. No.	Name of the Post	No. of Posts
1.	Dean	01
<b>A. Establishment</b>		
1.	P.A./P.S. to Dean	01
2.	Asstt. Administrative Officer	01
3.	Asstt. Academic Officer	01
4.	Assistant Accounts Officer	01
5.	Assistants (one for each AAO)	03
6.	Steno/Computer Operators	01

Sl. No.	Name of the Post	No. of Posts
7.	Driver	01
8.	Farm Manager (Asstt. Prof.)	01*
9.	Store Keeper	01

\*Will be with Engineering/Agronomy. Utility services like Wireman/Plumber/Janitor Attendants/Messengers, Landscaping, and Mechanic, etc. to be outsourced.

<b>B. Central Instrumentation Laboratory</b>		
1.	Instrumentation Asstt. Engineer	01
2.	Instrumentation Technician/Lab Asstt.	01
<b>C. Library Staff</b>		
1.	Asstt. Librarian(Asstt. Prof. cadre)	01
2.	Library Asstt./Clerk	01
3.	Shelf Asstt.	01
<b>D. Students Welfare</b>		
1.	Physical Education (Asstt. Prof.)	01
2.	Attendant	01
<b>E. Hostel Staff</b>		
1.	Warden	01+01
2.	Care taker/Asstt.	01+01
<b>F. Estate Branch</b>		
1.	Junior Engineer	01
2.	Security Asstt.	01

#### 9. Land Required

(A)	1)	Plain Regions	:	30 ha
	2)	Hill, islands and coastal regions	:	

#### (B) Land Utilization Pattern

		(hectares)	
		Plain	Hill/Coastal Region
1.	Main Building/Hostels/Residential Quarters (Including roads)	6.8	3.2
2.	Playground & other amenities	3.2	2.0
3.	Farm Area, including godown/ stores	20.0	10.8

**Note:** If land is not in one stretch, it should be at least within a radius of 5 kms

**(C) Division/Department/Section-wise land allocations (hectares)**

1.	Agronomy & Farm Forestry	6.0	3.2
2.	Entomology	0.4	0.2
3.	Genetics & Plant Breeding + (Seed Science & Technology)	3.2	1.6
4.	Horticulture	6.0	3.6
5.	Soil Science and Associated Departments	0.8	0.2
6.	Plant Pathology	0.4	0.2
7.	Animal Sciences	2.0	1.2
8.	Biochemistry and Physiology	0.4	0.2
9.	Agricultural Engineering	0.8	0.4
10.	Total	20.0	10.8

**10. Infrastructure facilities (Floor space required)**

**A. Central Facilities**

S. No.	Details	No. of Rooms	Dimensions (ft)
1.	Dean Office	1	20x24
2.	P.A. Room	1	10x12
3.	Committee Room with video conferencing facility	1	20x30
4.	Assistant Administrative Officer including staff	1	20x12
5.	Assistant Accounts Officer including staff	1	20x12
6.	Assistant Academic Officer including staff	1	20x12
7.	Exam Cell (300 capacity)	1	20x12
8.	Evaluation Room	1	20x36
9.	Faculty Room (Ladies)	1	10x12
10.	Faculty Room (Gents)	1	20x12
11.	Placement Cell	1	20x12
12.	Smart Lecture Halls	5	40x30 (60 capacity)
13.	Exam Hall Cum Auditorium	1	100x50
14.	Library/Book Bank	1	30x72
15.	Common Utility Room	1	20x36
16.	Central Laboratory	1	50x36
17.	Hostels including Mess, Gym/Indoor, Reading Room, Warden Room, Store etc.	1 (boys) 1 (girls)	150 150

Sl. No.	Details	No. of Rooms	Dimensions (ft)
18.	Canteen	1	20x12 (kitchen with store) 20x36 Seating
19.	Wash room (with toilet & urinary facilities)	10	20x12 (keeping ladies requirements)
20.	Parking space		As per requirement
21.	Farm stores, threshing yards including implements and tractor sheds	One core complex	
22.	Vehicles		
	Car	1	
	Jeep/Car staff	2	
	Bus	1	
	Pickup van	1	
	Motor Bikes	2	
	Minibus (30 capacity)	1	
	Tractors	2	
23.	Drinking water and irrigation facilities		As per requirements
24.	Vehicles shed	1	10x80

#### B. Divisions/Departments/Sections – Requirements

No.	Details	No. of Rooms	Dimensions(ft)
1.	Office of Head	11	24x12 with wash room facility
2.	Faculty Rooms 1+1	12	12x10 + 18x12 24x10 depending on the strength of each deptt.
3.	Clerical/technical staff	12	12x10 to 24x10 depending on the strength of each deptt.
5.	Laboratories	12	30x 60 Larger deptt. will have two
6.	Field/Lab Stores	5	1. Agronomy 2. Gen. & Pl. Breeding 3. Soil Sci. 4. Horticulture 5. Pests & Chemicals
7.	Green house/poly house/ Nursery facilities (Hort. Deptt.)	0.02ha	

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

**1. Agronomy + Agroforestry**

1.	Crop Cafeteria	½ acre land small implements like spade, hoe, khurpi, darati etc.
2.	Museum for identification of seeds, fertilizer, weeds, commonly used agro-chemical and medicinal and aromatic plants etc.	Storage bottle Herbarium posting material
3.	Field of sowing method, fertilizer application, irrigation and soil productivity and yield estimation	Small equipment/ implement
4.	Irrigation water measurement, bulk density etc.	
	<b>Equipment</b>	<b>Number</b>
	i. Hot air oven	02
	ii Moisture box	30
	iii Moisture meter	05
	iv Tube Auger	10
	v Bucket auger	10
	vi Weighing Balance	01
	vii Seed Germinator	02
	viii Conductivity Meter	01
	ix pH Meter	02
	x Water Bath	01
	xi Shaker	01
	xii Chlorophyl Meter	01
	xiii Drip and Sprinkler System	03
	xiv Sprayer	03
	xv Spring Balance 50 Kg	05
	xvi Spring Balance 10 Kg	05
	xvii Top Pan Balance 1 kg capacity	05
	xviii Top Pan Balance 2 kg capacity	05
	xix Meter Scale	10
	xx Tape	05
	xxi Brix meter	02

**2. Agricultural Economics + (Basic Economics, Maths & Computer Science and Statistics)**

No.	Items	Nos.
1.	Computers	15
2.	Camera	01
3.	Software	As per requirement

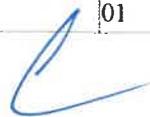
**3. Agriculture Extension & Communication + (Sociology and Psychology, English)**

dio-visual Lab

No.	Items	Nos.
1.	LCD projector	1
2.	Camera (SLR) with zoom, wide-angle, tele-photo lens	1
3.	Video camera with tripod, lighting accessories and editing facility	1
4.	Computers (workstation) with editing softwares	1
5.	Digital voice recorders	5
6.	Audio recording-mixing consoles	1
7.	Computation softwares for statistics	

**4. Entomology**

No.	Items	Nos.
1.	Binocular Microscope	20
2.	Insect Box	60
3.	Insect Collection Nets	60
4.	Collection Bottles	60
5.	Insect Collection Big Boxes for Museum (1 for each order)	29
6.	Insecticides for showing students/Representative for each group	As per requirement
7.	Stereomicroscope	01
8.	Electronic Balance	01
9.	Soxhlet Extraction Apparatus	01
10.	Bee keeping equipment	01 Set
11.	Oven	01
12.	Patters Tower	01
13.	Sprayers	01 of each type
14.	Light traps	01 set
15.	Fumigation Chamber	01



No.	Items	Nos.
16.	Slides/cover slips	as per requirement
17.	pH meter	01
18.	Computer with printer	01 set

### 5. Genetics & Plant Breeding + (Seed Science & Technology)

#### Genetics

No.	Items	Nos.
1.	Microscope	10
2.	Binocular microscope	10
3.	Electronic Moisture Meter	02
4.	Electronic Balance	02
5.	Seed Germinator	02
6.	Automatic seed/grain counter	01

#### Biotechnology

No.	Items	Nos.
7.	Hot Air Oven	01
8.	BOD Incubator	01
9.	Fluorescence microscope	01
10.	Centrifuge	01
11.	Growth Chamber	01
12.	Distillation Assembly	01

### 6. Horticulture + (Food Science & Technology)

#### a. Labs (Post Harvest)

No.	Items	Nos.
1	Hand Refractometer	05
2	Digital Refractometer	02
3	Oven	01
4	Refrigerator	01
5	Electronic Weighing Balance	02
6	Pan Balance (1 kg & 10 kg. capacity each)	02
7	Deep Freezer	01
8	pH Meter	01

No.	Items	Nos.
9	Fruit crusher	01
10	Grinding and Mixing Machine	01
11	Distillation Assembly	01

**b. Lab (UG Lab)**

No.	Items	Nos.
1.	Seed Germinator	02
2.	Grafting and budding knife	60
3.	Secateur	60
4.	Saw	05
5.	Loppers	05
6.	Mist Chamber	01
7.	Poly house with drip irrigation system	02
8.	Microscope	

**c. Food Science & Technology**

No.	Items	Nos.
1.	Refrigerator	1
2.	Muffie furnace	1
3.	Weighing balance	2
4.	Water bath	2
5.	Hot air oven	2
6.	Fruit penetrometer	2
7.	Pulper	1
8.	Juice extractor	1
9.	Crown corking machine	1
10.	Spectrophotometer	1
12.	Microwave oven	1
13.	Baking oven	1
14.	Sieve shaker	1
15.	Poly pouch sealer	1
16.	Crusher	1
17.	Masala grinder	1
18.	Dehydrator	1

No.	Items	Nos.
19.	Cold room	1
20.	Vacuum pump	

**7. Soil Science and Agricultural Chemistry + (Microbiology, Agro-meteorology, Environmental Sciences)**

No.	Items	Nos.
1.	Electronic Top pan balance (0.1 g capacity)	02
2.	Electronic Top pan balance (1 mg capacity)	02
3.	Hot air oven	02
4.	pH Meter	05
5.	EC Meter	05
6.	Flame Photometer	01
7.	Visible spectrophotometer	01
8.	Hot Plate	02
9.	Distilled water unit	02
10.	Water Bath	01
11.	Rotary Shaker	02
12.	Binocular Microscope	20
13.	BOD Incubator	02
14.	Autoclave	02
15.	Laminar Air Flow	01
16.	Microwave oven	01
17.	Digestion block	02
18.	Hydrometer	05
19.	Infiltrometer	02
20.	Hydraulic conductivity meter	01
21.	Atterberg's limitsmeter	05
22.	Nitrogen Analyser	02

## 8. Agrometeorology

No.	Items	Nos.
1.	Thermometer Max	05
2.	Thermometer Min	05
3.	Digital Anemometer	02
4.	Cup Anemometer	02
5.	Pan Evaporimeter	01
6.	Soil thermometer 05 cm.	05
	10 cm.	05
	15 cm.	05
7.	Rain gauge	01
8.	Self-recording Rain gauge	01
9.	Sunshine Recorder	01
10.	Stevenson's Screen	01
11.	Thermograph	01
12.	Hydrograph	01
13.	Soil Heat Flux Plate	01
14.	GPS	10
15.	AWS (optional)	01
16.	Lysimeter (optional)	01
17.	Luxmeter	02
18.	Solar Pyranometer	01

## 9. Plant Pathology

No.	Items	Nos.
1.	Microscope compound with photodisplay arrangement	03
2.	Stereobinocular	05
3.	Sample processing Board (Dry preservation of samples)	04
4.	Wet preservation Jars	50
5.	Autoclave	02
6.	Oven	01
7.	Deep Freeze	01
8.	Centrifuge (3000 rpm)	01

No.	Items	Nos.
9.	Refrigerator	01
10.	Water bath	02
11.	Electronic balance	02
12.	Weighing machine	01
13.	Incubator	02
14.	Ocular meter	05
15.	Stage Micrometer	05
16.	Camera Lucida	05

#### 10. Animal Sciences including Fisheries

No.	Items	Nos.
1.	5000/6500 Feed and Forage Analyzer	01
2.	Hand and electric centrifuge	01
3.	Analytical balance	01
4.	Hot air oven	01
5.	Micro kjeldahl N digestion & distillation apparatus	01
6.	Soxhlet unit for fat estimation	01
7.	Hot plate, Fiber Tech.	01
8.	Vacuum pump	01
9.	Willy mill grinder	01
10.	Platform balance (100 kg cap)	01
11.	Gerber centrifuge unit (for milk fat testing)	01
12.	Milk analyzer (automatic)	01
13.	Crude fiber estimation unit	01
14.	Distilled water unit	01

#### 11. Dairy & Poultry

No.	Items	Nos.
1.	Incubator cum hatcher	01
2.	Brooder machine	01
3.	Feeder	01
4.	Waterer	01
5.	Egg candling machine	01

No.	Items	Nos.
9.	Refrigerator	01
10.	Water bath	02
11.	Electronic balance	02
12.	Weighing machine	01
13.	Incubator	02
14.	Occular meter	05
15.	Stage Micrometer	05
16.	Camera Lucida	05

#### 10. Animal Sciences including Fisheries

No.	Items	Nos.
1.	5000/6500 Feed and Forage Analyzer	01
2.	Hand and electric centrifuge	01
3.	Analytical balance	01
4.	Hot air oven	01
5.	Micro Kjeldahl N digestion & distillation apparatus	01
6.	Soxhlet unit for fat estimation	01
7.	Hot plate, Fiber Tech.	01
8.	Vacuum pump	01
9.	Willy mill grinder	01
10.	Platform balance (100 kg cap)	01
11.	Gerber centrifuge unit (for milk fat testing)	01
12.	Milk analyzer (automatic)	01
13.	Crude fiber estimation unit	01
14.	Distilled water unit	01

#### 11. Dairy & Poultry

No.	Items	Nos.
1.	Incubator cum hatcher	01
2.	Brooder machine	01
3.	Feeder	01
4.	Waterer	01
5.	Egg candling machine	01

## Essential Requirements as guided by AICTE norms

### I. The College should have a Governing Council

The 11 Members of the Governing Council of a college shall be:

1 Chairman	:	A technical expert either an entrepreneur or an industrialist or an educationist of repute
2 to 5	:	Members to be nominated by the Registered Society / Trust of the College Management
6 & 7	:	Two eminent professionals / Government Officer from the area of Agriculture
8 & 9	:	Two Professors in the field of Agricultural Sciences
10	:	Dean of Govt. Agricultural College
11	:	Member Secretary – Dean of respective college (ex-officio)

The term of the members, except the ex-officio member, shall be for a period of three years.

### Functions of the Council

The Governing Council besides being the supreme administrative authority of the college, shall have the following additional functions:

- To monitor the academic and other related activities of the college
- To consider the recommendations of the Staff Selection Committee
- To consider the important communications, policy decisions received from the University, Government, etc.
- To monitor the students and faculty development programmes
- To review the academic and other related activities of the college
- To review the students and faculty development programmes
- To visualize and formulate perspective plans for the development and growth of the college.
- To formulate Master Plan for campus development, facilitating implementation of the provision of the perspective plan

### II. Complaints cum Redressal Committee Composition of Womens' harassment committee.

The composition of the complaints cum redressal committee shall be:  
Headed by a senior lady member.

50% of the members represented by ladies, one student member.

A third party either an NGO or an outside activist who is familiar with the issue of sexual harassment in work place.

### Functions

- To enquire the complaints received from the aggrieved women in respect of sexual harassment.
- To recommend to the Dean of the College, the penalty to be imposed.

The Dean upon receipt of the report from the committee shall, after giving an opportunity of being heard to the person complained against, submit the case with the committee's recommendation to the Governing Council of the College.

- The Governing Council shall confirm with or without modification the penalty recommended after duly following the prescribed procedure.



### **III. Registers and Records to be maintained by College**

The college shall maintain and make available the following Registers, Records and Documents as and when demanded by the University:

1. Department wise faculty profile
2. Record of students (year wise)
3. Department wise Non-Teaching Staff Profile
4. Academic performance record of students (year wise)
5. Copy of Regulations, Curriculum and Syllabi
6. Record of Research / Consultancy / Extension activities (department wise)
7. Record of student projects
8. Record of Achievements, Award and Recognition (department wise)
9. Master time table and Academic calendar
10. Stock register for equipment
11. Stock register for consumables
12. Stock register for furniture
13. Stock register for tools and plants
14. Accession register for library
15. Register of admissions and dropouts / withdrawals
16. Register of attendance and assessment record (programme wise)
17. Attendance for Teaching and Non-teaching staff
18. Year-wise audited Statement of Accounts of the College and also in the format specified by the University
19. Record of Scholarships / Fellowships / Financial Assistance for students
20. Cash Book of the College
21. Acquittance register
22. Fee Receipt Books (including counterfoils)
23. Advertisement for recruitment of faculty members
24. Minutes of the meeting of Staff Selection Committee
25. Appointment / offer letters issued to faculty members
26. Joining report of staff members
27. Funds position / bank certificates / FDR copies to indicate
28. financial stability
29. Minutes of the meetings of the Managing Body of the College
30. Minutes of the meeting of the Planning and Development Board
31. Book of Transfer and Conduct Certificate (including counterfoils)
32. Minutes of the meetings of the Registered Society / Trust of the College

#### **IV. Teachers**

- The College should have well qualified Teachers as per the norms of the UGC/UASB / ICAR.
- The College must pay salaries and admissible allowances to the teachers not less than the corresponding categories of employees in the UASB Colleges or as per scales etc. prescribed by the UGC.
- The College must pay salaries and admissible allowances to the teachers through Account Payee Cheques or bank account of teachers and submit bank statement as and when required by the University.
- The college should have a well-defined faculty improvement program and career advancement program.
- Service records of teaching staff should be duly maintained and updated.
- No Teachers should be appointed on adhoc basis.

#### **V. Information on Website**

Every College should have a web site with the following essential information.

1. List of Teachers with qualifications and specialization
2. CV of all Teachers
3. College Governing Council / Management / Advisory Committee
4. Display Affiliation Number / GO / MoU

#### **VI. Duties and Responsibilities of Dean of College appointed by UAS, Bangalore**

As in ASR of UAS, Bangalore

#### **VII. Admission, Course Registration**

- No candidate shall be allowed to attend classes without admission and allotment of Student ID Number by the University.
- Candidates seeking admission to any Under graduate Program of UAS, Bangalore, either for counseling quota of Constituent and Affiliated Colleges or for management quota of affiliated private colleges should apply online and get qualified as per the qualification norms specified for each admission year or from time to time.
- No student shall be allowed to attend classes without Course Registration.
- Registers of all Admissions / withdrawals of students' should be duly maintained.
- Strictly adhere to the UAS, Bangalore Under graduate Programme Semester System Rules and Regulations.





**Application for Starting New Agricultural College / Institute**

<b>1. DETAILS OF PROPOSED COLLEGE / INSTITUTE</b>			
a.	Name:		
b.	Address : .....		
	.....		
	..... Pincode :		
c.	Phone No:	d.	Fax No:
e.	Website:	f.	E-mail:
<b>2. DETAILS OF EDUCATIONAL AGENCY</b>			
<b>TRUST / INSTITUTION / SOCIETY</b>		<b>TRUSTEE / SECRETARY</b>	
Name : .....		Name : .....	
Address :		Address :	
.....		.....	
.....		.....	
Phone No: (O)		Phone No: (O)	
(R)		(R)	
(M)		(M)	
E-mail :Fax:		E-mail :Fax:	

**3. Nature of the proposed College (Please tick the relevant box):**

S. No.	Details	Men	Women	Both
i.	Degree			

**4. Location**

- a. Name of the City / Municipal Town / Town Panchayat / Village Panchayat :
- b. Revenue District / Taluk :
- c. Nearest Post Office :
- d. Nearest Railway Station :

**5. Status of Educational Agency: (Please attach the copy of Bye Law/Constitution)**

- a. Registered Society :
- b. Trust :
- c. Corporate Entity :
- d. Others (Please specify) :

**6. Land Details**

- a. Site Survey No. of the Land  
(Please attach a map of the location) :
- b. Area of the Land :

- c. Nature of ownership  
(Please attach the copy of the original documents) :  Own  In the name of the Trust

- d. Whether the land is clearly demarcated by Fencing/ boundary wall  
(Please attach the copy of the original documents and the topographical sketch of the college)
- |     |    |
|-----|----|
| YES | No |
| YES | No |

- e. Whether the land is contiguous :
- |     |    |
|-----|----|
| YES | No |
|-----|----|

- f. Whether the surroundings are suitable for Educational purpose
- |     |    |
|-----|----|
| YES | No |
|-----|----|

- g. Whether land use certificate obtained
- |     |    |
|-----|----|
| YES | No |
|-----|----|

- h. Whether land continuity certificate obtained
- |     |    |
|-----|----|
| YES | No |
|-----|----|

- i. Whether the college has other institutions in the same premises  
(please provide the details)
- |     |    |
|-----|----|
| YES | No |
|-----|----|

**7. Need and justification for establishing the new College: (Attach the justification in enclosure)**

**8. Building Details (The College should have a permanent building)**

**PERMANENT Building:**

- a. Location
  - b. Whether Building Plan is approved by Local authorities / Town and country planning
- |     |    |
|-----|----|
| YES | NO |
| YES | NO |
- c. Whether the Building is RCC roofed
  - d. Building Completion Certificate obtained (Please attach a copy)
  - e. Stability Certificate of the Building obtained (Please attach a copy)
  - f. Whether adequate arrangements are made for the disposal of the laboratory wastes
  - g. Whether adequate toilet facilities available for Gents / Ladies
  - h. Whether the buildings have trouble free access for Differently abled person
- |     |    |
|-----|----|
| YES | NO |



## 9. DETAILS OF FACILITIES AVAILABLE

### (a) Classrooms

S. No.	Room No.	Area in Sq.ft.	Proposed No. of Students to be accommodated (Norms: 10 sq.ft. per Student)
i.			
ii.			
iii.			
iv.			

### (b) Laboratory

S. No.	Room No.	Area in Sq.ft.	Proposed No. of Students to be accommodated (Norms: 35 sq.ft. per Student)
i.			
ii.			
iii.			
iv.			

### (c) Computer Labs

S. No.	Room No.	Area in Sq.ft.	Proposed No. of Students to be accommodated (Norms: 20 sq.ft. per Student)
i.			
ii.			
iii.			
iv.			

### (d) Computing facilities

S. No.	Details	Configuration
i.	Server	
ii.	Terminals	
iii.	Printer	
iv.	Networking	
v.	Internet - Broadband connectivity	

(e) Whether the College has required furniture in the Classrooms and Laboratories  YES  NO



**(f) Library Facilities**

S. No.	Facilities	Available / Not Available
i.	Area of the Library	
ii.	Furniture	
iii.	Seating Capacity	
iv.	Reprographic facility	
v.	Availability of Internet (give details)	
vi.	No. of Books	
vii.	No. of Text book	
viii.	Reference book	
ix.	Journals	

**(g) Play Ground Facilities**

- i. Area of Land available :
- ii. Facilities available for Outdoor Games :
- iii. Provision for Indoor Games :

**(h) Hostel (Please tick the relevant box) :**

i. Boys  YES  Girls  No

ii. Whether the hostel is RCC roofed rooms  YES  No

iii. Hostel Strength

S.No.		No. of Rooms	No. of students / room
1.	Boys		
2.	Girls		

iv. Whether the hostel has proper Cooking facility:  YES  No

v. Whether the hostel has proper Recreational Facilities:  YES  No

vi. Whether the hostel has proper furniture & fittings:  YES  No



**Vii. Utilities**

S. No.	Details	Yes	No
a.	Toilets		
b.	Bath room		
c.	Drinking water		
d.	Water for other use		
e.	Laundry facilities		
f.	Telephone		
g.	Internet		
h.	Recreation facilities		
i.	Medical facilities		

(i) Transport facilities for Field Visit

**10. Details of Financial Allotment from the Educational Agency for running the College**

S. No.	Estimated Facilities	Source of Funds	Amount (Rs.)
a.	Building		
b.	Laboratories		
c.	Library Books		
d.	Furniture and Fittings		
e.	Hostel		
f.	Recurring expenditure		
g.	Others		
	Total Amount (Rs.)		

11. Whether the Trust / Society undertakes to appoint Qualified teaching, non-teaching and supporting staff as prescribed by the University and the Government of Karnataka and pay salary as recommended by the State Government

 YES  NO

12. Whether the Trust / Society agrees to Undertake to collect tuition fees and other fees only at the Rates prescribed by Government / University from time to time

 YES  NO

13. Whether the Trust / Society agreeing to admit Students as per guidelines prescribed by the Government / University from time to time

 YES  NO

14. Whether the Trust / Society agrees to undertake not to collect capitation fee or donation from the students or parents

**15. APPLICATION FEE AND REGISTRATION FEE**

Application Fee : Rs.1,00,000/- with GST charges  
Degree Course (each) (Rupees One lakh only)  
Registration Fee : Rs.50,000/- with GST charges  
(Rupees Fifty thousand only)

Application fee and Registration fee to be paid in the form of crossed Demand draft / Bankers Cheque drawn in favour of "The Comptroller, UAS, Bangalore" payable at Coimbatore.

**16. Details of Application Fee remitted:**

Demand Draft / Bankers Cheque No.	Date	Name of the Bank	Amount (Rs.)

**17. Details of Registration Fee remitted:**

Demand Draft / Bankers Cheque No.	Date	Name of the Bank	Amount (Rs.)

**18. Details of General Amenities:**

Sl. No.	Amenities	Norms	Available / Not available
a.	Principal Room	300 Sq. feet	
b.	Office room	30 Sq. feet /staff	
c.	Faculty room	40 Sq. feet /faculty	
d.	Blackboard (Glass)	8 x 4 feet	
e.	Lighting	4 tube lights perclass room	
f.	Fan	2 fans per classroom	
g.	Toilets (Separate for Boys / Girls)	One for 50 boys One for 25 girls in each floor	
h.	Drinking water	Provision in eachwing	
i.	All weather approach road (length)		
j.	Canteen		
k.	Parking facilities		

l.	Medical facilities		
m.	Telephone facilities		
n.	Rain water harvesting		
o.	Transport facilities		
p.	Reprographic facility		
q.	Barrier free environment for differently abled persons		

**DECLARATION**

I/We hereby certify that the particulars furnished above are correct and the Trust / Society agrees to abide by the rules and regulations prescribed by the University from time to time for running College / Institute.

Signature

of the person duly authorized  
by the Trust / Society

Place:

Date :



## **DOCUMENTS TO BE ATTACHED WITH APPLICATION**

1. Registration of the Society / Trust along with details of Constitution and Memorandum of Association.
2. Letter from the Competent Authority designated by the Government concerned for classification of land and its location as Metropolitan or other areas.
3. Land Use Certificate from the Competent Authority designated by the Government concerned.
4. Registered land (along with EC for a period of 30 years) documents in the name of the applicant.
5. Building Plan of the proposed college prepared by a registered Architect and approved by the Competent Authority designated by the Govt. Concerned.
6. Registered documents by the registered Trust / Society earmarking land and buildings for the proposed college.
7. Details of the latest fund position along with photocopies of relevant bank accounts, including the evidence of the Corpus Fund earmarked for the purpose.
8. Detailed Project Report giving Background of the society / Trust, development plan for the college with timeline, Architectural master plan indicating the land use, Policy with regard to faculty recruitment, Structure of academic and administrative governance, Sources of financing of capital and operating expenditure and Resource projections and their utilization schedule.
9. Background of the Trust / Society with reference to its experience in promoting, managing and operating educational institutions; details of its promoters including their background; its activities in the social, charitable and educational spheres since its inception and its Vision and Mission.
10. Topographical sketch of the land in Village Map with Survey Nos. duly coloured along with surrounding area with Survey Nos. signed by the Thasildar to show that the lands are continuous and in one block. College Land should be colored different in the sketch.
11. Clearance Certificate from the Government for holding excess land by the Trust / Society.



