

Proforma of Information to be collected for the University departments/ADR/Research Station /for uploading on University website

1. Name of the Department : Department of Animal Husbandry & Dairy Science, College of Agriculture, Dapoli

About Department : The department of Animal Husbandry and Dairy Science came into existence in 1965 with the inception of the College of Agriculture, Dapoli. Since then the department has been imparting technical education to UG students. The post graduation in Animal Husbandry and Dairy Science was started in the year 1974. In the beginning, combined degree was awarded to the PG students in Animal Husbandry and Dairy Science. In due course, admissions were made separately for Animal Husbandry and Dairy Science from 1982 and now separate PG degree is being awarded to the students in the discipline of Animal Husbandry as well as Dairy Science. The Ph. D. Programme in the discipline of Livestock Production and Management and Dairy Science has been started from the academic year 2002-2003.

2. Mandates of the Department:

- To impart instructions in the discipline of Animal Husbandry and Dairy Science to the students of UG and PG degree programme.
- To carry out location specific and need based research in animal husbandry and dairy science based on the feedback from the extension agencies and farmers of the Konkan region.
- Dissemination of improved technology in livestock and poultry production amongst the farmers by imparting training to extension workers.
- To organize short duration training programmes in animal and poultry production for extension workers, NGOs and farmers.
- To supply seed and planting material of forage crops to the farmers.
To develop appropriate management practices for livestock reared in Konkan region as well technology for preparation of value added milk products.

2. Academic Programmers :

a. Doctoral Programmes

Name of the programme: Ph. D. (Agri.) in Livestock Production and Management

Semester No.	Term No.	Course No.	Credits	Title of the course offered by department
I	I	AGB 601	2 = 2+0	Trends in Animal Breeding
		ANN 601	2 = 2+0	Modern Concepts in feeding of Ruminants
		LPM 601	3 = 2 +1	Recent Developments in Large Ruminants Production
		LPM 602	3 = 2+1	Recent Developments in Small Ruminants Production Management
		LPM 604	1= 1+0	Livestock and Environment
		LPM 605	1 = 1+0	Organic Livestock Production
		LPM 606	1 = 1+0	Recent Developments in Welfare of Farm Animals
		LPM 607	2 = 1+1	Entrepreneurship in Livestock Production

II	II	LPM 608	2 = 1+1	Precision Livestock Farming
		PSC 602	3 = 2+1	Recent Trends in Commercial Poultry Production
		DS 622	3 = 3+0	R&D Management in Dairy Industry
III	I	DS 691	1=0+1	Doctoral Seminar-I
IV	II	DS 692	1=0+1	Doctoral Seminar-II

Course Curricula and syllabi: Annexure-I

Name of the programme: Ph. D. (Agri.) in Dairy Science

Semester No.	Term No.	Course No.	Credits	Title of the course offered by department
I	I	DC 612	3=3+0	Advances in Chemistry of Milk Lipids
		DS 623	3=3+0	Advances in Carbohydrate Technology
		DS 612	3 = 3 +0	Advances in Protein Technology
II	II	DS 621	3 = 3+0	Product Monitoring and Process Control
		DS 622	3 = 3+0	R&D Management in Dairy Industry
		DM 621	3 = 3+0	Advances in Dairy and Food Microbiology
		LPM 607	2 = 1+1	Entrepreneurship in Livestock Production
III	I	DS 691	1=0+1	Doctoral Seminar-I
IV	II	DS 692	1=0+1	Doctoral Seminar-II

Course Curricula and syllabi: Annexure-I

b. Masters Programmes: M. Sc. (Agri.) in Livestock Production and Management

Semester No.	Term No.	Course No.	Credits	Title of the course offered by department
I	I	ANN 505	3 =2+1	Ruminant Nutrition
		LPM 501	3 =2+1	Cattle and Buffalo Production and Management
		LPM 502	3 =2+1	Sheep and Goat Production Management
		LPM 504	2 =1+1	Climatology and Livestock Production
		LPM 505	2 =1+1	Behaviour and Welfare of Farm Animals
		DS 515	3=2+1	Advances in Traditional Indian Dairy Products
II	II	AGB 504	3=2+1	Selection Method and Breeding System
		ANN 504	2 =1+1	Feed and Fodder Technology
		LPM 509	2 =1+1	Integrated Livestock Farming Systems
		LPM 512	2 =1+1	Livestock Business Management
		LPM 514	2 =1+1	Poultry Farm and Hatchery Management
		LPM 515	2 =1+1	Regional Animal Production Management
III	I	LPM 508	2 =1+1	Farm Hygiene and Waste Management
		LPM 591	1=0+1	Masters Seminar
IV	II			

Course Curricula and syllabi: Annexure-III

Masters Programmes: M. Sc. (Agri.) in Dairy Science

Semester No.	Term No.	Course No.	Credits	Title of the course offered by department
		DS 511	4=3+1	Advances in Dairy Processing
		DS 515	3=2+1	Advances in Traditional Indian Dairy Products
I	I	DC 511	3=2+1	Physico-Chemical Aspects of Milk Constituents
		DS 521	3=2+1	Membrane Processing for Dairy Applications
		DM 514	3=2+1	Microbiology of Fluid Milk and Dairy Products
		LPM 501	3 =2+1	Cattle and Buffalo Production and Management
		DC 511	3=2+1	Physico-Chemical Aspects of Milk Constituents
		DM 514	3=2+1	Microbiology of Fluid Milk and Dairy Products
		DS 522	3 =2+1	Advances in Dairy and Food Packaging
		DS 524	4=3+1	Functional Foods and Nutraceuticals
		DS 525	3=2+1	Production and Applications of Dairy Ingredients
		LPM 509	2=1+1	Integrated Livestock Farming Systeem
III	I	DM-521	3=2+1	Dairy Starter Cultures
		DS 591	1=0+1	Masters Seminar
IV	II			

Course Curricula and syllabi: Annexure-IV

C. Bachelor Programmes: B. Sc. Agri.

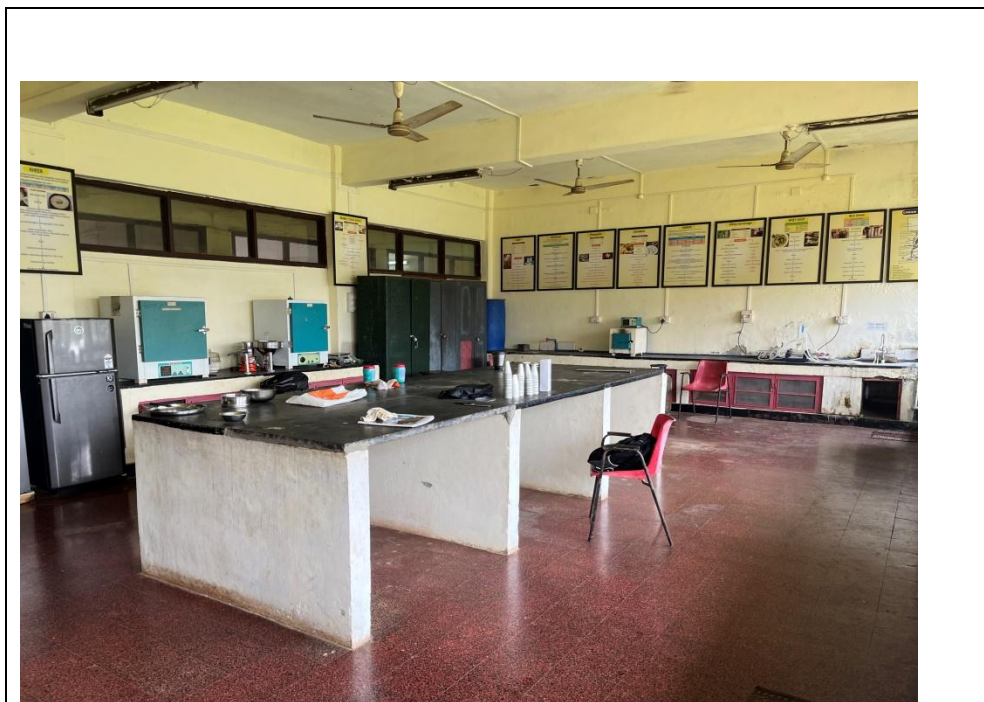
Semester No.	Term No.	Course No.	Credits	Title of the course offered by department
B. Sc. Agri.				
I	I	AHDS-111	2=1+1	Livestock Production and Management
IV	II	AHDS-242	2=1+1	Livestock Breeding & Nutrition
V	I	AHDS-353	2=1+1	Technology of Milk & Milk Products
VI	II	AHDS-364	2=1+1	Sheep, Goat and Poultry Production
VII	I	SR/ AHDS-475	1=0+1	Students READY programme
VIII	II	ELM AHDS 486	10=0+10	Poultry Production
VIII	II	ELM AHDS 487	10=0+10	Processing of Milk and Milk Products
B.Sc. Forestry				
IV	II	F/ASDS 241	3 =2+1	Rangeland and Livestock Management
B. Sc. (Hort)				
IV	II	H/AHDS-241	1=1+0	Livestock Production & Management

Course Curricula and syllabi: Annexure-V

4. Infrastructure

a. Laboratories :

The Department of AHDS has three laboratories, two for PG students and one for UG practical. All laboratories are well furnished and well equipped.



Well equipped Bacteriological laboratory for Ph.D. and post graduate students for research is available .

b. Name of the important instruments/facilities :

Sr. No.	Name of the Instrument	No.
1.	Laminar Air Flow	01
2.	Microscope	01
3.	Distillation Unit	02
4.	Nitrogen digestion unit	01
5.	Milk analyser	01
6.	Hydroponic unit	01
7.	Egg incubator	01

c. Activities : Provide the details such as the different educational and research activities that can be performed in the laboratory

The students analyses different parameters with respect to feed, fodder of livestock as well milk and milk products.



Students analyzing and preparing milk products





- a. **Photography :** Photographs of the important instruments preferably with students using these instruments/equipments or being demonstrated.




5. Faculty :


A) Academic Staff : Assistant Professor and above with the details of the staff as given below

	Name of the Faculty	Dr. A. J. Mayekar
	Post Held	Head
	Date of Birth	10/10/1963
	Qualification	M. Sc.(Ag.) Ph. D.
	Area of Specialization	Livestock Production Management
	Experience (Years)	28 years
	Research Projects guided	
	Ph. D.	3
	M.Sc.	12
	Present area of research	Poultry nutrition
Contact details		
Land line No.		
Mobile	9422382881	
Fax		
Email	mayekaranand3@gmail.com ajmayekar@dbskkv.ac.in	

	Name of the Faculty	Dr. N. N. Prasade
	Post Held	Associate Professor
	Date of Birth	26/04/1974
	Qualification	M. Sc.(Ag.) Ph. D.
	Area of Specialization	Livestock Production Management
	Experience (Years)	16 years
	Research Projects guided	
	Ph. D.	--
	M.Sc.	10
	Present area of research	Poultry nutrition
Contact details		
Land line No.		
Mobile	9404992498	
Fax		
Email	narendraprasade1974@gmail.com nnprasade@dbskkv.ac.in	

	Name of the Faculty	Dr. V. B. Kadav
	Post Held	Assistant Professor
	Date of Birth	14/03/1975
	Qualification	M. Sc.(Ag.) Ph. D.
	Area of Specialization	Dairy Science
	Experience (Years)	3 years
	Research Projects guided	
Ph. D.	----	

	M.Sc.	
	Present area of research	Technology of Milk Products
	Contact details Land line No. Mobile Fax Email	9423256432 vbkadav@dbskkv.ac.in vbkadav@dbskkv.ac.in

	Name of the Faculty	Dr. S. S. Ramod
	Post Held	Assistant Professor
	Date of Birth	28/08/1981
	Qualification	M. Sc.(Ag.) Ph. D.
	Area of Specialization	Dairy Science
	Experience (Years)	8 years
	Research Projects guided Ph. D. M.Sc.	---- 4
	Present area of research	Dairy microbiology
	Contact details Land line No. Mobile Fax Email	9860911938 sandipramod28081981@gmail.com ssramod@dbskkv.ac.in

B) Research Staff : The name of the research staff member like SRA and JRA-**Nil**

